

# ElasticSearch

Book for ElasticSearch projects.

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Postman Queries (pulled  
from reshard testing)

Postman Queries (pulled from reshard testing)

# snapshot s3 repository

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_snapshot/s3\\_repository?pretty&verify=false](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_snapshot/s3_repository?pretty&verify=false)

Authorization:

image.png  
image could not be loaded or type unknown

Postman Queries (pulled from reshard testing)

# snapshot s3 repository restore

Post: [https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_snapshot/s3\\_repository/prod-snapshot-10-1-2020/\\_restore](https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_snapshot/s3_repository/prod-snapshot-10-1-2020/_restore)

Authorization:

image.png  
image copy found or type unknown

# other queries

Get: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_snapshot/s3\\_repository](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_snapshot/s3_repository)

Get: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_cat/indices/twi\\*?v&s=index](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_cat/indices/twi*?v&s=index)

Get: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_cat/indices](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_cat/indices)

Delete: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_snapshot/s3\\_repository/prod-snapshot-9-18-2020](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_snapshot/s3_repository/prod-snapshot-9-18-2020)

Post: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_snapshot/s3\\_repository/prod-snapshot-9-22-2020/\\_restore](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_snapshot/s3_repository/prod-snapshot-9-22-2020/_restore)

Get: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_tasks?actions=\\*search&detailed](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_tasks?actions=*search&detailed)

Post: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_tasks/cc2IKK9yQtKiGs1Zs46BzA:47566757/\\_cancel](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_tasks/cc2IKK9yQtKiGs1Zs46BzA:47566757/_cancel)

Get: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_tasks?actions=\\*search](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_tasks?actions=*search)

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_snapshot/](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_snapshot/)

Put: <https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex-usprod-esclusteridx/>

Post: <https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/>

Post: <https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/>

Postman Queries (pulled from reshard testing)

# reindex

Post: [https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_reindex](https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_reindex)

Body:

```
{
  "conflicts": "proceed",
  "source": {
    "index": "nodebaseindexitemindex"
  },
  "dest": {
    "index": "rubex-usprod-esclusteridx",
    "op_type": "create",
    "version_type": "internal"
  }
}
```

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_reindex](https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_reindex)

Body:

```
{
  "source": {
    "index": "nodebaseindexitemindex"
  },
  "dest": {
    "index":
  }
}
```

Post: [https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_reindex](https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_reindex)

Body:

```
{
  "source": {
    "index": "nodebaseindexitemindex"
  },
}
```

```
"dest": {  
  "index": "rubex_usprod_idx_012022"  
}  
}
```

Post; [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_reindex](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_reindex)

Body:

```
{  
"conflicts": "proceed",  
"source": {  
  "index": "nodebaseindexitemindex"  
},  
"dest": {  
  "index": "rubex_usprod_idx_012022",  
  "op_type": "create",  
  "version_type": "internal"  
}  
}
```

Post; [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_reindex](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_reindex)

Body:

```
{  
"version_conflicts": "proceed",  
"source": {  
  "index": "nodebaseindexitemindex"  
},  
"dest": {  
  "index": "rubex_foo",  
  "op_type": "create",  
  "version_type": "internal"  
}  
}
```



Postman Queries (pulled from reshard testing)

# Settings

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex\\_usprod\\_idx\\_012022/\\_settings/](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex_usprod_idx_012022/_settings/)

Body:

```
{
  "index":{
    "refresh_interval" : "-1"
  }
}
```

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex\\_usprod\\_newindex2022/\\_settings](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex_usprod_newindex2022/_settings)

Body:

```
{
"index" : {
  "number_of_replicas" : 3
}
}
```

Postman Queries (pulled from reshard testing)

# mapping

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbpwhguh7a.us-east-1.es.amazonaws.com/rubex\\_foo/\\_mapping](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbpwhguh7a.us-east-1.es.amazonaws.com/rubex_foo/_mapping)

Body:

```
{
  "settings" : {
    "number_of_shards" : 90,
    "number_of_replicas" : 0
  },
  "analyzer" : {
    "nodeNameAnalyzer" : {
      "filter" : [ "word_delimiter_graph", "lowercase" ],
      "type" : "custom",
      "tokenizer" : "standard"
    },
  },
  "mappings" : {
    "nodebaseindexitem" : {
      "_routing" : {
        "required" : true
      },
      "properties" : {
        "accountID" : {
          "type" : "integer"
        },
        "attachment" : {
          "properties" : {
            "author" : {
              "type" : "text",
              "fields" : {
                "keyword" : {
                  "type" : "keyword",
                  "ignore_above" : 256
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```
,
"containsMetadata" : {
  "type" : "boolean"
},
"content" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"content_length" : {
  "type" : "long"
},
"content_type" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"date" : {
  "type" : "date"
},
"detect_language" : {
  "type" : "boolean"
},
"indexed_chars" : {
  "type" : "long"
},
"keywords" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"language" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
```

```
        "type" : "keyword",
        "ignore_above" : 256
      }
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "title" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "content" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "deletedOn" : {
    "type" : "date"
  },
  "fileInfold" : {
    "type" : "long"
  },
  "id" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  }
```

```
}
},
"joinField" : {
  "type" : "join",
  "eager_global_ordinals" : true,
  "relations" : {
    "nodeindexitem" : [
      "nodecommentindexitem",
      "nodeprofileindexitem",
      "fileindexitem"
    ]
  }
},
"node" : {
  "properties" : {
    "accountID" : {
      "type" : "integer"
    },
    "checkoutInfo" : {
      "properties" : {
        "checkedOutByRoleID" : {
          "type" : "long"
        },
        "checkedOutOn" : {
          "type" : "date"
        }
      },
      "nodeId" : {
        "type" : "long"
      },
      "o365ClientLock" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "o365ClientLockedOn" : {
        "type" : "date"
      }
    },
    "createdBy" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
```

```
        "type" : "keyword",
        "ignore_above" : 256
    }
}
},
"createdByUserID" : {
    "type" : "long"
},
"createdOn" : {
    "type" : "date"
},
"fileInfo" : {
    "properties" : {
        "checkedOutByRoleID" : {
            "type" : "long"
        },
        "createdOn" : {
            "type" : "date"
        },
        "fileExtension" : {
            "type" : "text",
            "fields" : {
                "keyword" : {
                    "type" : "keyword",
                    "ignore_above" : 256
                }
            }
        },
        "formFillDefinitionId" : {
            "type" : "integer"
        },
        "id" : {
            "type" : "long"
        },
        "sizeInBytes" : {
            "type" : "long"
        },
        "uploadIdentifier" : {
            "type" : "text",
            "fields" : {
                "keyword" : {
                    "type" : "keyword",
                    "ignore_above" : 256
                }
            }
        },
        "uploadSuccessful" : {
```

```
        "type" : "boolean"
    }
}
},
"hasChildren" : {
    "type" : "boolean"
},
"id" : {
    "type" : "text",
    "fields" : {
        "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
        }
    }
},
"modifiedOn" : {
    "type" : "date"
},
"name" : {
    "type" : "text",
    "fields" : {
        "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
        }
    },
    "lowercase" : {
        "type" : "keyword",
        "ignore_above" : 32000,
        "normalizer" : "lowercase"
    }
},
"analyzer" : "nodeNameAnalyzer"
},
"nodeProvider" : {
    "type" : "integer"
},
"parentID" : {
    "type" : "text",
    "fields" : {
        "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
        }
    }
},
"permission" : {
```

```
"properties" : {
  "admin" : {
    "type" : "boolean"
  },
  "childPermission" : {
    "properties" : {
      "admin" : {
        "type" : "boolean"
      },
      "createDirectories" : {
        "type" : "boolean"
      },
      "createdOn" : {
        "type" : "date"
      },
      "delete" : {
        "type" : "boolean"
      },
      "download" : {
        "type" : "boolean"
      },
      "enforce" : {
        "type" : "boolean"
      },
      "id" : {
        "type" : "long"
      },
      "inheritanceBehavior" : {
        "type" : "long"
      },
      "preview" : {
        "type" : "boolean"
      },
      "read" : {
        "type" : "boolean"
      },
      "remove" : {
        "type" : "boolean"
      },
      "restrict" : {
        "type" : "boolean"
      },
      "systemType" : {
        "type" : "long"
      },
      "uploadFiles" : {
        "type" : "boolean"
      }
    }
  }
}
```



```
    },
    "view" : {
      "type" : "boolean"
    },
    "write" : {
      "type" : "boolean"
    }
  }
},
"createDirectories" : {
  "type" : "boolean"
},
"createdBy" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"createdOn" : {
  "type" : "date"
},
"delete" : {
  "type" : "boolean"
},
"download" : {
  "type" : "boolean"
},
"enforce" : {
  "type" : "boolean"
},
"id" : {
  "type" : "long"
},
"inheritanceBehavior" : {
  "type" : "long"
},
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
}
```

```
,
"nodeID" : {
  "type" : "long"
},
"nonInheritable" : {
  "type" : "boolean"
},
"preview" : {
  "type" : "boolean"
},
"read" : {
  "type" : "boolean"
},
"remove" : {
  "type" : "boolean"
},
"restrict" : {
  "type" : "boolean"
},
"roleData" : {
  "properties" : {
    "accountID" : {
      "type" : "integer"
    },
    "anonymous" : {
      "type" : "boolean"
    },
    "hasLicense" : {
      "type" : "boolean"
    },
    "id" : {
      "type" : "long"
    },
    "includeInSalesforceMapping" : {
      "type" : "boolean"
    },
    "memberOfRoles" : {
      "type" : "object"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  }
}
```

```
},
"password" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"profileID" : {
  "type" : "integer"
},
"profileItems" : {
  "properties" : {
    "accountID" : {
      "type" : "integer"
    },
    "id" : {
      "type" : "integer"
    },
    "include" : {
      "type" : "boolean"
    },
    "isDeleted" : {
      "type" : "boolean"
    },
    "joinID" : {
      "type" : "integer"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "position" : {
      "type" : "integer"
    },
    "presetValueID" : {
      "type" : "integer"
    },
    "presetValues" : {
      "properties" : {
```

```
"id" : {
  "type" : "integer"
},
"value" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"profileID" : {
  "type" : "integer"
},
"required" : {
  "type" : "boolean"
},
"type" : {
  "type" : "integer"
},
"value" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"valueID" : {
  "type" : "long"
}
},
"roleManagerID" : {
  "type" : "long"
},
"roleMembers" : {
  "type" : "object"
},
"roleType" : {
  "type" : "integer"
},
"securityPolicyID" : {
```

```
    "type" : "integer"
  },
  "systemPermissions" : {
    "properties" : {
      "accessLinksManagement" : {
        "properties" : {
          "description" : {
            "type" : "text",
            "fields" : {
              "keyword" : {
                "type" : "keyword",
                "ignore_above" : 256
              }
            }
          },
          "enabled" : {
            "type" : "boolean"
          },
          "name" : {
            "type" : "text",
            "fields" : {
              "keyword" : {
                "type" : "keyword",
                "ignore_above" : 256
              }
            }
          },
          "requiredAccountFeature" : {
            "type" : "integer"
          }
        }
      },
      "accessLinksUsage" : {
        "properties" : {
          "description" : {
            "type" : "text",
            "fields" : {
              "keyword" : {
                "type" : "keyword",
                "ignore_above" : 256
              }
            }
          },
          "enabled" : {
            "type" : "boolean"
          },
          "name" : {
```

```
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
},
"auditLogManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
},
"eSignature" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
```

```
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"eSignatureManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
```

```
    }
  }
},
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      }
    }
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}
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```



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}
```

```
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```

```
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      }
    }
  }
}
```

```
    }
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      }
    }
  }
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},
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}
}
```

```
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    }
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    }
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        }
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      },
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        "fields" : {
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            "type" : "keyword",
            "ignore_above" : 256
          }
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          }
        }
      }
    }
  }
}
```

```
    }
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    "fields" : {
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        "ignore_above" : 256
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    }
  },
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  }
},
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      "fields" : {
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          "ignore_above" : 256
        }
      }
    },
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    },
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      }
    },
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    }
  }
},
```



```
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        }
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
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    }
  }
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},
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  "fields" : {
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      "ignore_above" : 256
    }
  }
},
"roleID" : {
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},
```

```
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      "ignore_above" : 256
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  }
},
"systemType" : {
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},
"uploadFiles" : {
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},
"view" : {
  "type" : "boolean"
},
"write" : {
  "type" : "boolean"
}
}
},
"size" : {
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},
"systemType" : {
  "type" : "integer"
}
}
},
"nodeComment" : {
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    },
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      "fields" : {
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          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "createdByUserID" : {
      "type" : "long"
```

```
    },
    "createdOn" : {
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    },
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    },
    "lastModifiedByUserID" : {
      "type" : "long"
    },
    "lastModifiedOn" : {
      "type" : "date"
    },
    "nodeID" : {
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    },
    "text" : {
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      "fields" : {
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          "ignore_above" : 256
        },
        "lowercase" : {
          "type" : "keyword",
          "ignore_above" : 32000,
          "normalizer" : "lowercase"
        }
      }
    }
  },
  "nodeID" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "profileID" : {
    "type" : "integer"
  },
  "profileItems" : {
    "type" : "nested",
    "properties" : {
```

```
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  "type" : "boolean"
},
"dateTimeValue" : {
  "type" : "date"
},
"doubleValue" : {
  "type" : "float"
},
"id" : {
  "type" : "long"
},
"longValue" : {
  "type" : "long"
},
"presetValueID" : {
  "type" : "long"
},
"type" : {
  "type" : "long"
},
"value" : {
  "type" : "text",
  "fields" : {
    "lowercase" : {
      "type" : "keyword",
      "ignore_above" : 32000,
      "normalizer" : "lowercase"
    }
  }
}
}
```

Postman Queries (pulled from reshard testing)

# new index

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex\\_usprod\\_newindex2022](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex_usprod_newindex2022)

Body:

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{
  "settings": {
    "index": {
      "number_of_shards": 90,
      "number_of_replicas": 0,
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            "filter": [ "lowercase" ],
            "type": "custom"
          }
        },
        "analyzer": {
          "nodeNameAnalyzer": {
            "filter": [ "word_delimiter_graph", "lowercase" ],
            "type": "custom",
            "tokenizer": "standard"
          }
        }
      }
    }
  },
  "mappings": {
    "nodebaseindexitem": {
      "_routing": {
        "required": true
      },
      "properties": {
        "accountID": {
```

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"attachment" : {
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        }
      }
    },
  },
  "containsMetadata" : {
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        "ignore_above" : 256
      }
    }
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  "content_length" : {
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  "content_type" : {
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        "ignore_above" : 256
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    }
  },
  "date" : {
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  "detect_language" : {
    "type" : "boolean"
  },
  "indexed_chars" : {
    "type" : "long"
  },
  "keywords" : {
```

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    "ignore_above" : 256
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  }
},
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      "type" : "keyword",
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    }
  }
},
"title" : {
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      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"content" : {
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  "fields" : {
    "keyword" : {
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      "ignore_above" : 256
    }
  }
},
"deletedOn" : {
```

```
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  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"joinField" : {
  "type" : "join",
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      "nodecommentindexitem",
      "nodeprofileindexitem",
      "fileindexitem"
    ]
  }
},
"node" : {
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    "checkoutInfo" : {
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        "checkedOutByRoleID" : {
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        "checkedOutOn" : {
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        }
      },
      "nodeId" : {
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      },
      "o365ClientLock" : {
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            "type" : "keyword",
            "ignore_above" : 256
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        }
      }
    }
  }
}
```



```
    }
  }
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"o365ClientLockedOn" : {
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},
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  "fields" : {
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      "ignore_above" : 256
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"createdByUserID" : {
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},
"fileInfo" : {
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  "uploadSuccessful" : {
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"hasChildren" : {
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      "ignore_above" : 256
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  }
},
"modifiedOn" : {
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},
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  },
  "lowercase" : {
    "type" : "keyword",
    "ignore_above" : 32000,
    "normalizer" : "lowercase"
  }
},
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},
"nodeProvider" : {
```

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    }
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  "permission" : {
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    }
  },
  "childPermission" : {
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      "admin" : {
        "type" : "boolean"
      }
    }
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  "createDirectories" : {
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    "type" : "boolean"
  },
  "download" : {
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  },
  "enforce" : {
    "type" : "boolean"
  },
  "id" : {
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  },
  "inheritanceBehavior" : {
    "type" : "long"
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  "preview" : {
    "type" : "boolean"
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  "read" : {
    "type" : "boolean"
  }
}
```

```
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    "systemType" : {
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    "uploadFiles" : {
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    "view" : {
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    },
    "write" : {
      "type" : "boolean"
    }
  }
},
"createDirectories" : {
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},
"createdBy" : {
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  "fields" : {
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      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"createdOn" : {
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},
"delete" : {
  "type" : "boolean"
},
"download" : {
  "type" : "boolean"
},
"enforce" : {
  "type" : "boolean"
},
"id" : {
  "type" : "long"
}
```

```
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},
"read" : {
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"remove" : {
  "type" : "boolean"
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"restrict" : {
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    "hasLicense" : {
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    "includeInSalesforceMapping" : {
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  }
}
```

```
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      "type" : "keyword",
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  }
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    }
  }
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},
"profileItems" : {
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    "include" : {
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    "isDeleted" : {
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    "joinID" : {
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      "fields" : {
        "keyword" : {
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```

```
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    "presetValues" : {
      "properties" : {
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        },
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          "fields" : {
            "keyword" : {
              "type" : "keyword",
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            }
          }
        }
      }
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    "required" : {
      "type" : "boolean"
    },
    "type" : {
      "type" : "integer"
    },
    "value" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "valueID" : {
      "type" : "long"
    }
  }
}
```

```
    }  
  },  
  "roleManagerID" : {  
    "type" : "long"  
  },  
  "roleMembers" : {  
    "type" : "object"  
  },  
  "roleType" : {  
    "type" : "integer"  
  },  
  "securityPolicyID" : {  
    "type" : "integer"  
  },  
  "systemPermissions" : {  
    "properties" : {  
      "accessLinksManagement" : {  
        "properties" : {  
          "description" : {  
            "type" : "text",  
            "fields" : {  
              "keyword" : {  
                "type" : "keyword",  
                "ignore_above" : 256  
              }  
            }  
          },  
          "enabled" : {  
            "type" : "boolean"  
          },  
          "name" : {  
            "type" : "text",  
            "fields" : {  
              "keyword" : {  
                "type" : "keyword",  
                "ignore_above" : 256  
              }  
            }  
          },  
          "requiredAccountFeature" : {  
            "type" : "integer"  
          }  
        }  
      }  
    },  
    "accessLinksUsage" : {  
      "properties" : {  
        "description" : {
```



```
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"auditLogManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  }
}
```

```
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
},
"eSignature" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"eSignatureManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
```

```
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
},
"groups" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"guests" : {
  "properties" : {
    "description" : {
      "type" : "text",
```

```
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  },
  "licenseManagement" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },
      "name" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      }
    }
  },
}
```

```
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  },
  "nodeExchange" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },
      "name" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "requiredAccountFeature" : {
        "type" : "integer"
      }
    }
  },
  "nodeExchangeManagement" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },

```

```
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"requiredAccountFeature" : {
  "type" : "integer"
}
},
"nodeManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"nodePermissionOverride" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
```

```
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  },
  "profiles" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },
      "name" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "requiredAccountFeature" : {
```

```
        "type" : "integer"
      }
    },
    "reporting" : {
      "properties" : {
        "description" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "enabled" : {
          "type" : "boolean"
        },
        "name" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "requiredAccountFeature" : {
          "type" : "integer"
        }
      }
    },
    "retentionAdmin" : {
      "properties" : {
        "description" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "enabled" : {
          "type" : "boolean"
        },
        "name" : {
```



```
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
},
"retentionUnlock" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
},
"salesForceManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
```

```
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
},
"systemSettings" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
}
```

```
    }
  }
},
"templates" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"users" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
```

```
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  },
  "workflowManagement" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },
      "name" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "requiredAccountFeature" : {
        "type" : "integer"
      }
    }
  },
  "userID" : {
    "type" : "long"
  },
  "userName" : {
    "type" : "text",
```

```
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "roleID" : {
    "type" : "long"
  },
  "roleName" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "systemType" : {
    "type" : "integer"
  },
  "uploadFiles" : {
    "type" : "boolean"
  },
  "view" : {
    "type" : "boolean"
  },
  "write" : {
    "type" : "boolean"
  }
},
"size" : {
  "type" : "long"
},
"systemType" : {
  "type" : "integer"
}
},
"nodeComment" : {
  "properties" : {
    "accountID" : {
      "type" : "integer"
    }
  }
}
```

```
},
"createdBy" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"createdByUserID" : {
  "type" : "long"
},
"createdOn" : {
  "type" : "date"
},
"id" : {
  "type" : "integer"
},
"lastModifiedByUserID" : {
  "type" : "long"
},
"lastModifiedOn" : {
  "type" : "date"
},
"nodeID" : {
  "type" : "long"
},
"text" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    },
    "lowercase" : {
      "type" : "keyword",
      "ignore_above" : 32000,
      "normalizer" : "lowercase"
    }
  }
}
},
"nodeID" : {
  "type" : "text",
  "fields" : {
```

```
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  },
  "profileID" : {
    "type" : "integer"
  },
  "profileItems" : {
    "type" : "nested",
    "properties" : {
      "boolValue" : {
        "type" : "boolean"
      },
      "dateTimeValue" : {
        "type" : "date"
      },
      "doubleValue" : {
        "type" : "float"
      },
      "id" : {
        "type" : "long"
      },
      "longValue" : {
        "type" : "long"
      },
      "presetValueID" : {
        "type" : "long"
      },
      "type" : {
        "type" : "long"
      },
      "value" : {
        "type" : "text",
        "fields" : {
          "lowercase" : {
            "type" : "keyword",
            "ignore_above" : 32000,
            "normalizer" : "lowercase"
          }
        }
      }
    }
  }
}
```





Postman Queries (pulled from reshard testing)

# mapping with parameters

Put: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex\\_usprod\\_idx\\_012022/\\_mapping/nodebaseindexitem](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/rubex_usprod_idx_012022/_mapping/nodebaseindexitem)

Body:

```
{
  "properties" : {
    "accountID" : {
      "type" : "integer"
    },
    "attachment" : {
      "properties" : {
        "author" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "containsMetadata" : {
          "type" : "boolean"
        },
        "content" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "content_length" : {
          "type" : "long"
        }
      }
    }
  }
}
```

```
},
"content_type" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"date" : {
  "type" : "date"
},
"detect_language" : {
  "type" : "boolean"
},
"indexed_chars" : {
  "type" : "long"
},
"keywords" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"language" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"title" : {
```

```
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "content" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "deletedOn" : {
    "type" : "date"
  },
  "fileInfold" : {
    "type" : "long"
  },
  "id" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "joinField" : {
    "type" : "join",
    "eager_global_ordinals" : true,
    "relations" : {
      "nodeindexitem" : [
        "nodecommentindexitem",
        "nodeprofileindexitem",
        "fileindexitem"
      ]
    }
  },
  "node" : {
    "properties" : {
```

```
"accountID" : {
  "type" : "integer"
},
"checkoutInfo" : {
  "properties" : {
    "checkedOutByRoleID" : {
      "type" : "long"
    },
    "checkedOutOn" : {
      "type" : "date"
    },
    "nodeID" : {
      "type" : "long"
    },
    "o365ClientLock" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "o365ClientLockedOn" : {
      "type" : "date"
    }
  }
},
"createdBy" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"createdByUserID" : {
  "type" : "long"
},
"createdOn" : {
  "type" : "date"
},
"fileInfo" : {
  "properties" : {
    "checkedOutByRoleID" : {
      "type" : "long"
    }
  }
}
```

```
},
"createdOn" : {
  "type" : "date"
},
"fileExtension" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"formFillDefinitionId" : {
  "type" : "integer"
},
"id" : {
  "type" : "long"
},
"sizeInBytes" : {
  "type" : "long"
},
"uploadIdentifier" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"uploadSuccessful" : {
  "type" : "boolean"
}
},
"hasChildren" : {
  "type" : "boolean"
},
"id" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
}
```

```
},
"modifiedOn" : {
  "type" : "date"
},
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    },
    "lowercase" : {
      "type" : "keyword",
      "ignore_above" : 32000,
      "normalizer" : "lowercase"
    }
  },
  "analyzer" : "nodeNameAnalyzer"
},
"nodeProvider" : {
  "type" : "integer"
},
"parentID" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"permission" : {
  "properties" : {
    "admin" : {
      "type" : "boolean"
    },
    "childPermission" : {
      "properties" : {
        "admin" : {
          "type" : "boolean"
        },
        "createDirectories" : {
          "type" : "boolean"
        },
        "createdOn" : {
          "type" : "date"
        }
      }
    }
  }
},
```

```
"delete" : {
  "type" : "boolean"
},
"download" : {
  "type" : "boolean"
},
"enforce" : {
  "type" : "boolean"
},
"id" : {
  "type" : "long"
},
"inheritanceBehavior" : {
  "type" : "long"
},
"preview" : {
  "type" : "boolean"
},
"read" : {
  "type" : "boolean"
},
"remove" : {
  "type" : "boolean"
},
"restrict" : {
  "type" : "boolean"
},
"systemType" : {
  "type" : "long"
},
"uploadFiles" : {
  "type" : "boolean"
},
"view" : {
  "type" : "boolean"
},
"write" : {
  "type" : "boolean"
}
},
"createDirectories" : {
  "type" : "boolean"
},
"createdBy" : {
  "type" : "text",
  "fields" : {
```

```
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  },
  "createdOn" : {
    "type" : "date"
  },
  "delete" : {
    "type" : "boolean"
  },
  "download" : {
    "type" : "boolean"
  },
  "enforce" : {
    "type" : "boolean"
  },
  "id" : {
    "type" : "long"
  },
  "inheritanceBehavior" : {
    "type" : "long"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "nodeID" : {
    "type" : "long"
  },
  "nonInheritable" : {
    "type" : "boolean"
  },
  "preview" : {
    "type" : "boolean"
  },
  "read" : {
    "type" : "boolean"
  },
  "remove" : {
    "type" : "boolean"
  }
```



```
},
"restrict" : {
  "type" : "boolean"
},
"roleData" : {
  "properties" : {
    "accountID" : {
      "type" : "integer"
    },
    "anonymous" : {
      "type" : "boolean"
    },
    "hasLicense" : {
      "type" : "boolean"
    },
    "id" : {
      "type" : "long"
    },
    "includeInSalesforceMapping" : {
      "type" : "boolean"
    },
    "memberOfRoles" : {
      "type" : "object"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "password" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "profileID" : {
      "type" : "integer"
    },
    "profileItems" : {
      "properties" : {
```

```
"accountID" : {
  "type" : "integer"
},
"id" : {
  "type" : "integer"
},
"include" : {
  "type" : "boolean"
},
"isDeleted" : {
  "type" : "boolean"
},
"joinID" : {
  "type" : "integer"
},
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"position" : {
  "type" : "integer"
},
"presetValueID" : {
  "type" : "integer"
},
"presetValues" : {
  "properties" : {
    "id" : {
      "type" : "integer"
    },
    "value" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  }
},
"profileID" : {
```

```
    "type" : "integer"
  },
  "required" : {
    "type" : "boolean"
  },
  "type" : {
    "type" : "integer"
  },
  "value" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "valueID" : {
    "type" : "long"
  }
},
"roleManagerID" : {
  "type" : "long"
},
"roleMembers" : {
  "type" : "object"
},
"roleType" : {
  "type" : "integer"
},
"securityPolicyID" : {
  "type" : "integer"
},
"systemPermissions" : {
  "properties" : {
    "accessLinksManagement" : {
      "properties" : {
        "description" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        }
      }
    }
  }
},
```

```
"enabled" : {
  "type" : "boolean"
},
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"requiredAccountFeature" : {
  "type" : "integer"
}
},
"accessLinksUsage" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"auditLogManagement" : {
  "properties" : {
```

```
"description" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"enabled" : {
  "type" : "boolean"
},
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"requiredAccountFeature" : {
  "type" : "integer"
}
},
"eSignature" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  }
}
```

```
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"eSignatureManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
},
"groups" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "enabled" : {
```

```
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
},
"guests" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
},
"licenseManagement" : {
  "properties" : {
    "description" : {
```

```
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
},
"nodeExchange" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  }
}
```



```
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
},
"nodeExchangeManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
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          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"nodeManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
```

```
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
},
"nodePermissionOverride" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "enabled" : {
    "type" : "boolean"
  },
  "name" : {
    "type" : "text",
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    }
  },
  "requiredAccountFeature" : {
    "type" : "integer"
  }
}
},
"profiles" : {
  "properties" : {
    "description" : {
      "type" : "text",
```

```
    "fields" : {
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  },
  "reporting" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
}
```

```
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  },
  "retentionAdmin" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },
      "name" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "requiredAccountFeature" : {
        "type" : "integer"
      }
    }
  },
  "retentionUnlock" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },
    },
```

```
"name" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"requiredAccountFeature" : {
  "type" : "integer"
}
},
"salesForceManagement" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  }
},
"systemSettings" : {
  "properties" : {
    "description" : {
      "type" : "text",
      "fields" : {
```

```
      "keyword" : {
        "type" : "keyword",
        "ignore_above" : 256
      }
    },
    "enabled" : {
      "type" : "boolean"
    },
    "name" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "requiredAccountFeature" : {
      "type" : "integer"
    }
  },
  "templates" : {
    "properties" : {
      "description" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "enabled" : {
        "type" : "boolean"
      },
      "name" : {
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        }
      },
      "requiredAccountFeature" : {
```

```
        "type" : "integer"
      }
    },
    "users" : {
      "properties" : {
        "description" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "enabled" : {
          "type" : "boolean"
        },
        "name" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "requiredAccountFeature" : {
          "type" : "integer"
        }
      }
    },
    "workflowManagement" : {
      "properties" : {
        "description" : {
          "type" : "text",
          "fields" : {
            "keyword" : {
              "type" : "keyword",
              "ignore_above" : 256
            }
          }
        },
        "enabled" : {
          "type" : "boolean"
        },
        "name" : {
```

```
        "type" : "text",
        "fields" : {
          "keyword" : {
            "type" : "keyword",
            "ignore_above" : 256
          }
        },
        "requiredAccountFeature" : {
          "type" : "integer"
        }
      }
    },
    "userID" : {
      "type" : "long"
    },
    "userName" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "roleID" : {
      "type" : "long"
    },
    "roleName" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    },
    "systemType" : {
      "type" : "integer"
    },
    "uploadFiles" : {
      "type" : "boolean"
    },
```



```
    "view" : {
      "type" : "boolean"
    },
    "write" : {
      "type" : "boolean"
    }
  },
  "size" : {
    "type" : "long"
  },
  "systemType" : {
    "type" : "integer"
  }
},
"nodeComment" : {
  "properties" : {
    "accountID" : {
      "type" : "integer"
    },
    "createdBy" : {
      "type" : "text",
      "fields" : {
        "keyword" : {
          "type" : "keyword",
          "ignore_above" : 256
        }
      }
    }
  },
  "createdByUserID" : {
    "type" : "long"
  },
  "createdOn" : {
    "type" : "date"
  },
  "id" : {
    "type" : "integer"
  },
  "lastModifiedByUserID" : {
    "type" : "long"
  },
  "lastModifiedOn" : {
    "type" : "date"
  },
  "nodeID" : {
    "type" : "long"
  }
}
```

```
},
"text" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    },
    "lowercase" : {
      "type" : "keyword",
      "ignore_above" : 32000,
      "normalizer" : "lowercase"
    }
  }
}
},
"nodeID" : {
  "type" : "text",
  "fields" : {
    "keyword" : {
      "type" : "keyword",
      "ignore_above" : 256
    }
  }
},
"profileID" : {
  "type" : "integer"
},
"profileItems" : {
  "type" : "nested",
  "properties" : {
    "boolValue" : {
      "type" : "boolean"
    },
    "dateTimeValue" : {
      "type" : "date"
    },
    "doubleValue" : {
      "type" : "float"
    },
    "id" : {
      "type" : "long"
    },
    "longValue" : {
      "type" : "long"
    }
  }
},
```


```
"presetValueID" : {  
  "type" : "long"  
},  
"type" : {  
  "type" : "long"  
},  
"value" : {  
  "type" : "text",  
  "fields" : {  
    "lowercase" : {  
      "type" : "keyword",  
      "ignore_above" : 32000,  
      "normalizer" : "lowercase"  
    }  
  }  
}  
}  
}  
}  
}
```

Postman Queries (pulled from reshard testing)

# wait for completion

Post: [https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_snapshot/s3\\_repository/prod-snapshot-10-14-2020?wait\\_for\\_completion=true](https://vpc-rubex-elasticsearch-prod-8-6-soglodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_snapshot/s3_repository/prod-snapshot-10-14-2020?wait_for_completion=true)

Authorization:

 or type unknown

Body:

```
{
  "type": "s3",
  "indices": "fileindexitemindex",
  "settings": {
    "bucket": "efc-elasticsearch-prod-export",
    "role_arn": "arn:aws:iam::748883581865:role/es-to-s3-repository-staging-role"
  }
}
```

Postman Queries (pulled from reshard testing)

# nodes stats

Get: [https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/\\_nodes/stats?pretty](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbrpwhguh7a.us-east-1.es.amazonaws.com/_nodes/stats?pretty)

Postman Queries (pulled from reshard testing)

# Kibana

[https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbpwhguh7a.us-east-1.es.amazonaws.com/\\_plugin/kibana/app/kibana#/dev\\_tools/console?\\_g=\(\)](https://vpc-rubex-elasticsearch-prod-8-6-soqlodwed3jcm7gcbpwhguh7a.us-east-1.es.amazonaws.com/_plugin/kibana/app/kibana#/dev_tools/console?_g=())

Console (in Dev Tools):

GET \_cat/indices?v

GET nodebaseindexitemindex/\_settings

GET \_snapshot?pretty

PUT rubex\_usprod\_indextesting

GET /\_cluster/state

GET nodebaseindexitemindex/\_settings

POST \_reindex

GET \_tasks?detailed=true&actions=\*reindex

GET rubex-usprod-esclusteridx?pretty

GET \_tasks?detailed=true&actions=\*reindex

GET rubex\_usprod\_newindex2022/\_settings

GET rubex-usprod-esclusteridx/\_mapping

GET rubex\_usprod\_newindex2022/\_mapping?pretty=true

GET rubex\_foo/\_mapping/\_nodebaseindexitem

GET \_cat/indices?v

GET \_cat/shards/nodebaseindexitemindex?v

GET \_cat/pending\_tasks

GET nodebaseindexitemindex

# ElasticSearch to s3 snapshot

# Steps to link ES cluster to s3 and create/restore snapshots

In the Account that the S3 bucket is going to live, create a new IAM policy with the following permissions:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "VisualEditor0",
      "Effect": "Allow",
      "Action": "iam:PassRole",
      "Resource": [
        "arn:aws:s3:::S3-BUCKET-NAME/*",
        "arn:aws:iam::ACCOUNT-ID:role/*"
      ]
    },
    {
      "Sid": "VisualEditor1",
      "Effect": "Allow",
      "Action": "s3:ListBucket",
      "Resource": "arn:aws:s3:::S3-BUCKET-NAME"
    },
    {
      "Sid": "VisualEditor2",
      "Effect": "Allow",
      "Action": [
        "s3:PutObject",
        "s3:GetObject",
        "s3:DeleteObject"
      ],
      "Resource": "arn:aws:s3:::S3-BUCKET-NAME/*"
    }
  ]
}
```



```
}
```

Create a new Role in that AWS account with the above policy, and also create a Trust permission with the following details:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Statement1",
      "Effect": "Allow",
      "Principal": {
        "Service": "es.amazonaws.com"
      },
      "Action": "sts:AssumeRole"
    }
  ]
}
```

Create a new user in the account and give it the the policy created earlier

-----Create connection to repository

PUT: [https://SOURCE-CLUSTER-ENDPOINT/\\_snapshot/snapshot-respository](https://SOURCE-CLUSTER-ENDPOINT/_snapshot/snapshot-respository)

Body: as JSON

```
{  "type": "s3",
  "settings": {
    "bucket": "S3-BUCKET-NAME",
    "region": "us-east-1",
    "role_arn": "ARN FOR THE NEWLY CREATED ROLE"
  }
}
```

-----Create backup

PUT: [https://vpc-rbx-stg-es-6-8-f7kozzmqn3r2ygnqsqicjlism.us-east-1.es.amazonaws.com/\\_snapshot/snapshot-respository/2023-01-05](https://vpc-rbx-stg-es-6-8-f7kozzmqn3r2ygnqsqicjlism.us-east-1.es.amazonaws.com/_snapshot/snapshot-respository/2023-01-05)

-----Restore Status

GET: [https://vpc-rbx-stg-es-6-8-f7kozzmqn3r2ygnqsqicjlism.us-east-1.es.amazonaws.com/\\_snapshot/snapshot-respository/2023-01-05/\\_status](https://vpc-rbx-stg-es-6-8-f7kozzmqn3r2ygnqsqicjlism.us-east-1.es.amazonaws.com/_snapshot/snapshot-respository/2023-01-05/_status)

-----Restore

POST: [https://vpc-rbx-stg-es-6-8-shardings-ma7dgqmnnngrd6wthxwfgkot5u.us-east-1.es.amazonaws.com/\\_snapshot/snapshot-respository/2023-01-05/\\_restore](https://vpc-rbx-stg-es-6-8-shardings-ma7dgqmnnngrd6wthxwfgkot5u.us-east-1.es.amazonaws.com/_snapshot/snapshot-respository/2023-01-05/_restore)

-----Restore status

GET: [https://vpc-rbx-stg-es-6-8-shardings-ma7dgqmnnngrd6wthxwfgkot5u.us-east-1.es.amazonaws.com/\\_cat/recovery](https://vpc-rbx-stg-es-6-8-shardings-ma7dgqmnnngrd6wthxwfgkot5u.us-east-1.es.amazonaws.com/_cat/recovery)