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| an_icon  Openstack Notifications ISC Use Cases  ISC Team | Abstract  This document summarizes ISC user story for OpenStack Notifications  Pankaj  ISC Notification |

# Security Group Notification Listener:

We will create the following listeners on behalf of every Security Group created by the user:

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| --- | --- | --- |
| Listener Type | Registered ID | Event Type |
| VM (SGM) | VM UUID(s) For all SGM of type VM | Create, Delete |
| Tenant | Security Group Tenant ID | Deleted |
| Network (SGM) | Network ID(s) for SGM of type Network (Does not apply for SG type Protect ALL) | Deleted |
| Port (Network || Tenant) | Network ID(s) for SGM of Type Network | Added, Deleted, Updated |

## Use Cases for Security Group:

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| Security Group of type Protect ALL | | | | | |
| Event Type | Listener Type | Registered IDs | Response Action | Count Per Instance | Scalability |
| VM Added | VM Listener | - | - | - | - |
| VM Updated | - | - | - | - | - |
| VM Deleted | - | - | - | - | - |
| Port Added | Port Listener | Tenant Id | Trigger Sync | One |  |
| Port Updated | - | - | - | - | - |
| Port Deleted | Port Listener | Tenant Id | Trigger Sync | One |  |
| Network Added |  |  |  |  |  |
| Network Updated |  |  |  |  |  |
| Network Deleted | Network Listener | - | - | - | - |
| Tenant Deleted | Tenant Listener | Tenant Id | Trigger Sync | One |  |

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| Security Group with SGM of type Network | | | | | |
| Event Type | Listener Type | Registered IDs | Response Action | Count Per Instance | Scalability |
| VM Added | VM Listener | - | - | - | - |
| VM Updated | - | - | - | - | - |
| VM Deleted | VM Listener | - | - | - | - |
| Port Added | Port Listener | Network Id | Trigger Sync | One |  |
| Port Updated | - | - | - | - | - |
| Port Deleted | Port Listener | Network Id | Trigger Sync | One |  |
| Network Added | - | - | - | - | - |
| Network Updated | - | - | - | - | - |
| Network Deleted | Network Listener | Network Id | Trigger Sync | One |  |
| Tenant Deleted | Tenant Listener | Tenant Id | Trigger Sync | One |  |

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| Security Group with SGM of type VM | | | | | |
| Event Type | Listener Type | Registered IDs | Response Action | Count Per Instance | Scalability |
| VM Added | VM Listener | VM UUID | Trigger Sync | One |  |
| VM Updated | - | - | - | - | - |
| VM Deleted | VM Listener | VM UUID | Trigger Sync | One |  |
| Port Added | Port Listener | Network Id | Trigger Sync | One |  |
| Port Updated | - | - | - | - | - |
| Port Deleted | Port Listener | Network Id | Trigger Sync | One |  |
| Network Added | - | - | - | - | - |
| Network Updated | - | - | - | - | - |
| Network Deleted | Network Listener | - | - | - | - |
| Tenant Deleted | Tenant Listener | Tenant Id | Trigger Sync | One |  |

# Deployment Spec Notification Listener:

We will create the following listeners on behalf of every Deployment Spec created by the user:

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| Listener Type | Registered ID | Event Type |
| VM (SVA) | VM UUID(s) For all Deployed SVA(s) | Delete, Power Off |
| Tenant | Deployment Spec Tenant ID | Deleted |
| Network | Inspection and Management Network ID(s) | Deleted |
| Host Aggregate | Host Aggregate ID(s) | Host(Add, Delete), HA Update |
| Availability Zone | - | - |
| Hosts | - | - |

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| Security Group with SGM of type VM | | | | | |
| Event Type | Listener Type | Registered IDs | Response Action | Count Per Instance | Scalability |
| HA (Add Host) | HA Listener | HA ID (Open stack) | Trigger Sync | One |  |
| HA (Remove Host) | HA Listener | HA ID (Open stack) | Trigger Sync | One |  |
| HA (Update) | HA Listener | HA ID (Open stack) | Trigger Sync | One |  |
| SVA Power off | VM Listener | SVA UUID | Trigger Sync | One |  |
| SVA Deleted | VM Listener | SVA UUID | Trigger Sync | One |  |
| Network Deleted | Tenant Listener | Tenant Id | Trigger Sync | One |  |
| Tenant Deleted | Tenant Listener | Tenant Id | Trigger Sync | One |  |