```
1. Adding Storage (VM)
        You may need to add storage to other nodes as well because of ILM

        Volumes are blockbased and formatted and mounted

        Snode is unavailable for a brief time when adding storage

        sudo add_rangedbs.rb

        sudo storagegrid-status

2. Physical Linux

        Add SAN Luns

        sudo storagegrid node stop <nodename>

        file to modify /config/<node>.conf

        (add to this list:
        BLOCK_DEVICE_RANGEDB_00 = /dev/mapper/sgws-sn1-rangedb-0
        BLOCK_DEVICE_RANGEDB_01 = /dev/mapper/sgws-sn1-rangedb-1
        BLOCK_DEVICE_RANGEDB_02 = /dev/mapper/sgws-sn1-rangedb-2
        BLOCK_DEVICE_RANGEDB_03 = /dev/mapper/sgws-sn1-rangedb-3

        sudo storagegrid node start
        sudo add_rangedbs.rb
```

Decommission site

- You cannot decommission a site that includes the primary Admin Node.
- You cannot decommission a site that includes an Archive Node.
- You cannot decommission a site if any of the nodes have an interface that belongs to a high availability (HA) group. You must either edit the HA group to remove the node's interface or remove the entire HA group.
- You cannot decommission a site if it contains a mixture of connected ( ) and disconnected (or) nodes.
- You cannot decommission a site if any node at any other site is disconnected (or).
- You cannot start the site decommission procedure if an ec-node-repair operation is in progress. See Check data repair jobs to track repairs of erasure-coded data.
- While the site decommission procedure is running:
  - You cannot create ILM rules that refer to the site being decommissioned. You also cannot edit an existing ILM rule to refer to the site.
  - You cannot perform other maintenance procedures, such as expansion or upgrade.

Decommission Node

- You cannot decommission the primary Admin Node.
- You cannot decommission Archive Nodes.
- You cannot decommission an Admin Node or a Gateway Node if one of its network interfaces is part of a high availability (HA) group.
- You cannot decommission a Storage Node if its removal would affect the ADC quorum.
- You cannot decommission a Storage Node if it is required for the active ILM policy.
- You should not decommission more than 10 Storage Nodes in a single Decommission Node procedure.
- You cannot decommission a connected node if your grid includes any disconnected nodes (nodes whose health is Unknown or Administratively Down). You must decommission or recover the disconnected nodes first.
- If your grid contains multiple disconnected nodes, the software requires you to decommission them all at the same time, which increases the potential for unexpected results.
- If a disconnected node cannot be removed (for example, a Storage Node that is required for the ADC quorum), no other disconnected node can be removed.
- If you want to replace an older appliance with a newer appliance, consider cloning the appliance node instead of decommissioning the old node and adding the new node in an expansion.