**Redis On Prem Server - Linux patching process document**

* The process includes putting the nodes in [Maintenance Mode](https://docs.redis.com/latest/rs/administering/cluster-operations/maintenance-mode/) will move all of the shards and endpoints on that node to another node to protect the data.

1. Start with any slave node, and put the node on maintenance mode rladmin node <node\_id> maintenance\_mode on.
2. Once the shards and endpoints are migrated from this node, patch the OS and reboot the node.
3. Turn off maintenance mode on this node rladmin node <node\_id> maintenance\_mode off
4. Repeat steps 1-3 for the other slave nodes.
5. For the master node, the process is the same with one difference in step 1, which is demoting the master when putting it in maintenance mode rladmin node <node\_id> maintenance\_mode on demote\_node.
6. After the patching is complete on all nodes, and you can return the master to the original node if you want to by running rlutil change\_master master=<node\_id>.

**Server Details**

|  |  |  |
| --- | --- | --- |
| Host Name | IP Address | Data Center |
| WUWCC9ASPOSR05 | 10.47.18.177 | Chicago |
| WUWCC9ASPOSR06 | 10.47.18.178 |
| WUWCC9ASPOSR07 | 10.47.18.179 |
| WUWVC9ASPOSR05 | 10.45.18.177 | Reston |
| WUWVC9ASPOSR06 | 10.45.18.178 |
| WUWVC9ASPOSR07 | 10.45.18.179 |

**Console details**

https:// 10.45.18.177:8443

https:// 10.47.18.177:8443

**Once WUPOS entire traffic moved and Stopped the instances follow below steps to patch/reboot the server one at time.**

**Step 1 – Check the current status – Login to any one of the server**

[root@WUWCC9ASPOSR05 ~]# rladmin status

A screenshot of a video game

Description automatically generated

**Step 2 – Maintenance mode on slave node 2**

[root@WUWCC9ASPOSR05 ~]# rladmin node 3 maintenance\_mode on

A screen shot of a video game

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**Step 3 – Patching and Reboot the node 3**

**Step 4 - Turn off maintenance mode on node 3**

[root@WUWCC9ASPOSR05 ~]# rladmin node 3 maintenance\_mode off

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**Step 5: Maintenance mode on slave node 2**

[root@WUWCC9ASPOSR05 ~]# rladmin node 2 maintenance\_mode on

A screen shot of a video game

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**Step 6 – Patching and Reboot the node 2**

**Step 7 - Turn off maintenance mode on node 2**

[root@WUWCC9ASPOSR05 ~]# rladmin node 2 maintenance\_mode off

**A screen shot of a computer

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**Step 8 – put the Mater node ( Node 1) on Maintenance mode on**

[root@WUWCC9ASPOSR05 ~]# rladmin node 1 maintenance\_mode on demote\_node

**Step 9 – Patching and Reboot the node 1**

**Step 10 - Turn off maintenance mode on node 1**

[root@WUWCC9ASPOSR05 ~]# rladmin node 1 maintenance\_mode off

A screenshot of a video game

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**Step 11 – Move the Master node to Node 1**

[root@WUWCC9ASPOSR05 ~]# rlutil change\_master master=1

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