

Dell EMC Isilon

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A short list of some helpful Isilon `isi` commands for use in storage administration.

Networking

Source Based Routing enable/disable	<code>isi network external view</code> <code>isi network external modify --sbr=[true false]</code>
Stop SmartConnect from distributing IPs of a specific node (useful for maintenance) (As of 8.x, can be done in the UI from the specific pool)	<code>isi network modify pools sc-suspend-nodes..</code>
Start SmartConnect distributing IPs of a specific node after being suspended (As of 8.x, can be done in the UI)	<code>isi network modify pools sc-resume-nodes..</code>
Create static route	<code>isi networks modify pool --add-static-routes=192.168.71.0/24-192.168.70.1 --name=media low:pool0</code>
Remove static route	<code>isi networks modify pool --remove-static-routes=/- --name=:pool<#></code>
Display current network pools	<code>isi network pools list \[-v -groupname groupnet0 -subnet\]</code>
Display clients connected via SMB or FTP	<code>isi_for_array -n # 'netstat -an grep ".445 \\\ .21 "'</code>
Display current connections with smb protocols	<code>date; isi statistics client list --nodes=all --protocols=smb1,smb2 --sort=ops head -n 30</code>
Rebalance Dynamic Connections	<code>isi network --sc-rebalance-all</code>
List connected clients	<code>isi statistics client list --output Node,Proto,Class,UserID,UserName,LocalAddr,RemoteAddr,RemoteName</code>
List connected clients on a specific node	<code>isi statistics client list --nodes <#> --output Node,Proto,Class,UserID,UserName,LocalAddr,RemoteAddr,RemoteName</code>
Find connected client based on IP	<code>si statistics client list --remote-addresses ""</code>

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