Inodes Verification and Increase

If you receive a page that inodes are almost full, complete the following steps to increase the number of inodes.

**Note:** No changes are needed for these commands whether or not you are working with vFiler or non-vFielr volumes.

1. **Command to determine the current inode configuration (blue text requires editing):**

ssh FilerName-mgmt “df -i VolumeName”

ie

ssh eg-naslowc-e02-mgmt “df –i ct\_prodtrademarkscan\_nosnap”

**Example output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Filesystem | iused | ifree | %iused | Mounted on |
| /vol/ct\_prodtrademarkscan\_nosnap | 4653511 | 5190218 | 47% | /vol/ct\_prodtrademarkscan\_nosnap |

1. **To determine the new total number of inodes to be implemented, add the “iused” and “ifree” columns and add 5% to the total.**

i.e. from example above: 4,653,511 + 5,190,218 = 9,843,729 / .95 = 10,361,820

1. **Command to change the total number of inodes (use the number determined in step #2):**

ssh FilerName-mgmt “maxfiles VolumeName NewTotalNumberofInodes”

i.e.

ssh eg-naslowc-e02-mgmt “maxfiles ct\_prodtrademarkscan\_nosnap 10361820”

1. **Command to determine new inode utilization:**

ssh FilerName-mgmt “df -i VolumeName”

ie

ssh eg-naslowc-e02-mgmt “df –i ct\_prodtrademarkscan\_nosnap”