

TrueCommand™

CENTRALIZED TRUENAS® AND FREENAS® MANAGEMENT

TrueCommand is a ZFS-aware management platform that allows storage administrators to monitor, configure, control services, and report on dozens of TrueNAS and FreeNAS systems from a “single pane of glass” interface.

CONSOLIDATED MONITORING AND REPORTING

Admins can view the status of multiple systems simultaneously and drill down into the specifics for nearly any metric. Disk performance, network latency, CPU/memory/cache usage, and other system stats are shown at a glance so system or performance bottlenecks can be dealt with efficiently. Your organization can easily track everything from drives to services on your NAS systems.

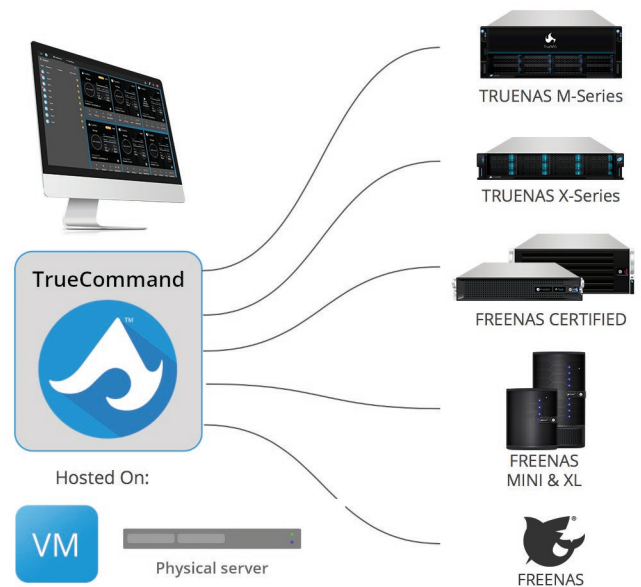
RAPIDLY MANAGE AND DIAGNOSE FAULTS

TrueCommand proactively collects, prioritizes, and sends alerts to immediately highlight events. Receive alerts directly in the web interface or via email for system failures, drive failures, service restarts, and more. Alerts and associated notes can be assigned to specific team members for 24x7 global operation.

CENTRALIZE STORAGE CONTROL AND AUDITS

Dedicated users and teams can group, manage, and easily log into FreeNAS and TrueNAS systems. No more memorizing IPs or passwords; all systems are just a click away. Reports, alerts, and audits are now made easy with a central database that can persist for up to two years.

Control of individual services and system processes is also available within the TrueCommand web interface itself. Security and administrative processes can be enforced with Role Based Access Control (RBAC).



ZFS AWARENESS SIMPLIFIES OPERATIONS

TrueCommand is ZFS-aware. Administrators can set custom alerts on statistics like ARC usage or pool capacity to help ensure storage uptime and future planning. TrueCommand identifies and pinpoints impaired drives or vdevs (RAID group), saving valuable time to resolution.

MAXIMIZE UPTIME WITH PREDICTIVE ANALYTICS

TrueCommand integrates intelligence into the TrueNAS infrastructure through predictive analysis. TrueCommand can predict when storage pools will hit capacity limits and if drives are likely to fail. Performance analytics help admins diagnose bottlenecks and act quickly to meet operation targets and keep storage systems online.

DEPLOY WHERE NEEDED

TrueCommand was designed with ease-of-use and deployment simplicity in mind. There is no requirement for TrueCommand to be accessible to an external network (WAN), and it can be deployed as a small virtual machine (VM) or small system inside the network.

ZFS FEATURES MONITORED

- Pools, VDevs, RAID-Z
- Cache (ARC, L2ARC, SLOG)
- Resilvering, Scrubbing

REPORTING

- System info (name, IP, release, uptime, boot, device)
- CPU (number, utilization)
- Disks (status, throughput, IOPS, latency)
- Jails (granular monitoring per Jail/Plugin)
- Memory (activity, cache usage)
- Network (throughput, packets, status)
- Services (enabled, ID, status)
- Storage Status (pool, vdev, encryption)
- VMs (total, active)

ALERTS

- In-app via web interface
- Email to users/teams

ROLE BASED ACCESS CONTROL

- Single sign-on
- Define teams and departments
- Audit device history and changes
- Read-only views for users

REST & WEBSOCKET APIS

- Real-time monitoring of NAS systems
- Collect performance stats
- Enable and disable services
- Configure and monitor TrueCommand

COMPATIBLE TRUENAS AND FREENAS VERSIONS

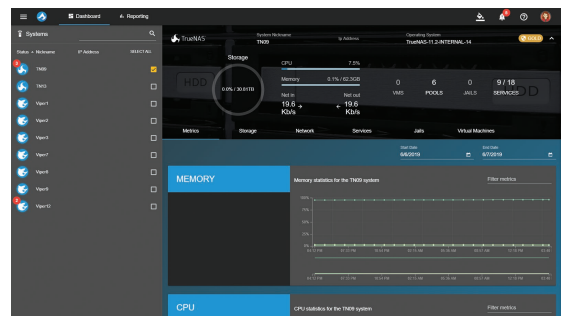
- Release 11.2 and beyond

WEB INTERFACE

- Angular web interface
- HTML5 browsers
- Chrome, Firefox, Edge, Safari

RECOMMENDED SYSTEM REQUIREMENTS

- Physical or virtual (VM) platform
- 2 vCPU, 4 GB RAM
- 80 GB storage
- Network access to NAS systems

MULTI-SYSTEMS MONITORING**SYSTEM STATUS AND ALERTS****PERFORMANCE REPORTING****Visit our Website and Contact Us:**

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