

# Varnish Controller

A graphical administration platform for managing Varnish clusters

Varnish Controller is the easy way to manage Varnish clusters. It's an administration console with a user-friendly web dashboard that simplifies the process of configuring Varnish servers, deploying and updating VCL, monitoring Varnish behavior and scaling resources.

**Varnish Controller** is included by default in Varnish Enterprise Premium subscriptions, and as an add-on for Varnish Enterprise Standard subscriptions.



## Varnish goes visual

The Controller dashboard makes it easier than ever to:

### Get up and running -

Deploy and rollback in seconds

### Scale quickly -

Automatically discover and deploy VCL to new servers

### Update VCLs -

Automatic VCL updates, with flexible deployments of different VCLs

### Run staged deployments -

Test and move from staging to production easily

### Monitor health -

Access real-time data from each Varnish server

## Varnish Controller features

### Autoscaling

Dynamically discover and add Varnish instances  
Automatically deploy VCL to new servers

### Redundancy

Run Controller Agent, API Gateway and Web UI modules locally on each site

### Group configuration management

Manage Varnish clusters, assigning VCL and parameters to groups simultaneously

### Multi-tenant deployment

Deploy multiple VCLs to one Varnish server  
Associate servers with specific regions

### Real-time statistics

Access statistics and data across multiple instances

Real-time CPU, RAM, bandwidth, health metrics per server or server group

### Edge logic validation

Validate VCL on a server with matching logic  
Built-in error checking

### Server tagging

Label servers based on function, location, hardware for easier management

### Staged deployments

Test edge logic changes on one production server, then promote to all servers

### Security

All communication encrypted and authenticated  
Access controls and read/write permissions via Active Directory / IDP integration

## About Varnish Software

Varnish is a powerful caching technology used by over 10 million websites and the world's largest content, streaming and telecommunications providers, who rely on it to provide lightning-fast web and streaming experiences for huge audiences.

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