

Instaclustr FOR MCP GATEWAY

One governed gateway for every production MCP — native to Instaclustr, extensible to anything else

Instaclustr for Model Context Protocol (MCP) Gateway is a fully managed solution that connects your AI applications and Agents to trusted data infrastructure through a single interface. It works out-of-the-box with any Instaclustr managed service—OpenSearch, Kafka, Cassandra, and more. The gateway can also connect to any REST endpoint with an OpenAPI spec, so internal APIs, SaaS, or legacy systems can become MCP sources. Deploy once and provide all your AI systems with secure, governed, and observable data access.

Built on the Instaclustr Managed Platform, the MCP Gateway delivers reliability and scale making it the ideal choice for running any production MCP server, whether for Instaclustr managed services or other systems.

WHY RUN YOUR PRODUCTION MCPs THROUGH INSTACLUSTER?



Native Instaclustr integration, extensible to anything

Connect directly to Instaclustr for OpenSearch, Kafka, or Cassandra without building anything. A REST endpoint extends that same setup to any other database, API, or SaaS platform.



Centralized governance

Define access policies, permissions, and data-handling rules in one place. Every request is authenticated, logged, and subject to your controls.



Faster deployment

Move from AI prototype to production in days, with data access that's secure, observable, and production-ready.



Better developer productivity

Developers write against the MCP standard instead of learning every backend system. Less context-switching, fewer dependencies, faster iteration.



Scalability

As your AI footprint grows, more agents, more models, more data sources, the gateway scales with it, without proportional operational burden.



One gateway for every production MCP

Consolidate every production MCP connection behind a single, governed gateway instead of a patchwork of ad hoc, self-managed MCP servers. Consistent data access means consistent AI behavior for a better experience.

HOW THE MCP GATEWAY WORKS

The MCP Gateway sits between your AI applications and your data infrastructure. When an AI agent needs to query a database, call an API, or retrieve context from a search index, it sends a structured MCP request to the gateway. The gateway then:

1. Authenticates the request
2. Applies your defined access policies
3. Routes it to the appropriate backend, a native Instaclustr integration or any other system reachable via REST
4. Returns a structured, well-formed response

Your AI applications never need to know the specifics of each backend. You define the rules once, and the gateway enforces them consistently across every request, across your entire production MCP footprint, not just a handful of pilots.

Features

- Native, pre-built integration with Instaclustr managed services (PostgreSQL, OpenSearch, Kafka, Cassandra, and more)
- REST endpoint consumption to extend the gateway to any other technology in your stack
- 100% open source
- Easy-to-use management console
- Operational reliability extended to the entire AI data layer, not just Instaclustr managed backends
- Expert support for the latest features and versions
- Core software bug fixes included
- Supported software bug fixes included
- Terraform-based provisioning
- Prometheus monitoring API

Security and compliance

- SOC 2 Certified
- PCI-DSS available
- HIPAA available
- ISO 27001 and ISO 27018 Certified

Support

- 24x7 expert coverage included
- Guaranteed 15 minute response time, 24x7 work to resolve critical issues

Flexible hosting options

- AWS
- Microsoft Azure
- Google Cloud
- On-prem

SLAs

- Up to 99.99% availability as measured by NetApp Instaclustr monitoring

Supportability

- Instaclustr supports the MCP Gateway service and its operation including provisioning, availability, replacement, observability, authorization and any errors.
- Where the gateway is connected to Instaclustr managed Cassandra, Kafka, or OpenSearch, Instaclustr will troubleshoot issues involving that connection and the associated Instaclustr-managed backend. Where the gateway is connected to a customer-managed or third-party backend, such as an OpenAPI-compatible endpoint, the customer is responsible for the backend itself, including its availability, behavior, APIs, data, logs, and troubleshooting. Gateway logs are available to help customers diagnose issues with their own backend integrations.

NetApp® Instaclustr specializes in open source technologies for enterprises. Our managed platform streamlines data infrastructure management, backed by experts who ensure ongoing performance, scalability, and optimization. This enables companies to focus on building cutting edge applications at lower costs.