

Cisco ACI Data Center Network Engineer

Job Information

Recruiter
NEXUS Corporation

Job ID
1619381

Industry
IT Consulting

Company Type
Large Company (more than 300 employees) - International Company

Non-Japanese Ratio
About half Japanese

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
6 million yen ~ 9 million yen

Refreshed
November 24th, 2026 17:00

General Requirements

Minimum Experience Level
Over 6 years

Career Level
Mid Career

Minimum English Level
Fluent Level

Minimum Japanese Level
None

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

About the role

Our client is hiring an experienced Data Center Network Engineer to implement and support enterprise data center network environments. This hands-on role focuses on Cisco ACI and Nexus, with work across fabric deployment, network troubleshooting, migrations, upgrades, and day-to-day operations.

Responsibilities

- Deploy, configure, maintain, and troubleshoot Cisco ACI fabric environments.
- Configure and support Cisco Nexus data center switches.
- Troubleshoot Layer 2 and Layer 3 connectivity, performance, and availability issues.
- Work with VXLAN, BGP EVPN, and data center switching technologies.

- Support network implementations, upgrades, migrations, and ongoing operations.
- Contribute to network design and prepare High-Level Design (HLD) and Low-Level Design (LLD) documents.
- Investigate incidents, identify root causes, and implement corrective actions.
- Collaborate with infrastructure, security, and other technical teams.
- Contribute to network automation and operational improvements where applicable.

Required Skills

Required qualifications

- Hands-on experience configuring, implementing, and troubleshooting Cisco ACI.
- Practical experience with Cisco Nexus switches, particularly the 2K, 3K, 5K, 7K, or 9K series.
- Strong understanding of VXLAN, BGP EVPN, data center switching, and Layer 2/Layer 3 networking.
- Experience supporting and troubleshooting enterprise data center networks.
- Business-level English communication skills.
- Currently residing in Japan or holding valid Japanese work authorization.

Preferred qualifications

- Experience deploying Cisco ACI fabrics.
- Experience with data center network design, migrations, or infrastructure upgrades.
- Experience preparing HLD and LLD documentation.
- Network automation experience using Python, Ansible, or APIs.
- Experience with Ixia or Spirent network testing tools.
- Experience in enterprise data centers or telecommunications.
- Cisco certifications such as CCNP Enterprise, CCNP Data Center, CCIE Enterprise Infrastructure, or CCIE Data Center.

Company Description