Cloud Sites Sizing

Cloud Sites are F5-managed deployments in public cloud providers (AWS, Azure, GCP) that provide cloud-native integration and connectivity.

Cloud Site Requirements

Cloud Site Use Cases

Why do you need Cloud Sites?

- ⊘ **Cloud-native apps** - Protect cloud workloads
- ⊘ **VPC/VNet connectivity** - Connect to private cloud networks
- ⊘ **Multi-cloud networking** - Bridge multiple clouds
- ⊘ **Cloud egress** - Secure internet access from cloud
- ⊘ **Service mesh** - Connect cloud-based services
- ⊘ Other: ___

Cloud Provider Inventory

AWS Sites

- ⊘ Yes
- ⊘ No

If yes:

AWS REGION	VPCS TO CONNECT	WORKLOADS	NODE SIZE
Enter value	Enter value	Enter value	☐ Standard ☐ Large
Enter value	Enter value	Enter value	☐ Standard ☐ Large
Enter value	Enter value	Enter value	☐ Standard ☐ Large

AWS integration requirements:

- AWS Transit Gateway integration
- AWS Direct Connect integration
- VPC peering
- PrivateLink endpoints

Azure Sites

- Yes
- No

If yes:

AZURE REGION	VNETS TO CONNECT	WORKLOADS	NODE SIZE
Enter value	Enter value	Enter value	☐ Standard ☐ Large
Enter value	Enter value	Enter value	☐ Standard ☐ Large
Enter value	Enter value	Enter value	☐ Standard ☐ Large

Azure integration requirements:

- ⊘ Azure Virtual WAN integration
- ⊘ Azure ExpressRoute integration
- ⊘ VNet peering
- ⊘ Private Endpoint

Google Cloud Sites

- ⊘ Yes
- ⊘ No

If yes:

GCP REGION	VPCS TO CONNECT	WORKLOADS	NODE SIZE
Enter value	Enter value	Enter value	☐ Standard ☐ Large
Enter value	Enter value	Enter value	☐ Standard ☐ Large
Enter value	Enter value	Enter value	☐ Standard ☐ Large

GCP integration requirements:

- Cloud Interconnect integration
- Shared VPC support
- Private Service Connect

Cloud Network Configuration

Deployment Mode

How should Cloud Sites be deployed?

- **Ingress/Egress Gateway** - Single interface, simplified
- **Ingress Gateway** - Internet-facing only
- **Workload** - Full routing capability

IP Addressing

CLOUD SITE	SITE NETWORK CIDR	INSIDE SUBNETS	OUTSIDE SUBNETS
Enter value	Enter value	Enter value	Enter value
Enter value	Enter value	Enter value	Enter value
Enter value	Enter value	Enter value	Enter value

VPC/VNet Connectivity

What cloud networks need connectivity?

CLOUD NETWORK	CLOUD PROVIDER	CIDR	CONNECT TO
Enter value	☐ AWS ☐ Azure ☐ GCP	Enter value	Enter value
Enter value	☐ AWS ☐ Azure ☐ GCP	Enter value	Enter value
Enter value	☐ AWS ☐ Azure ☐ GCP	Enter value	Enter value

High Availability

HA Configuration

What availability is required?

CLOUD SITE	HA MODE	AVAILABILITY ZONES
Enter value	☐ Single AZ ☐ Multi-AZ	Enter value AZs
Enter value	☐ Single AZ ☐ Multi-AZ	Enter value AZs
Enter value	☐ Single AZ ☐ Multi-AZ	Enter value AZs

Node Count

CLOUD SITE	MASTER NODES	WORKER NODES (IF APP STACK)
Enter value	☐ 1 ☐ 3	Enter value
Enter value	☐ 1 ☐ 3	Enter value
Enter value	☐ 1 ☐ 3	Enter value

Services at Cloud Sites

Services Required

What services will run at Cloud Sites?

CLOUD SITE	SERVICES
Enter value	☐ HTTP LB ☐ TCP LB ☐ WAF ☐ Network Connect ☐ App Stack
Enter value	☐ HTTP LB ☐ TCP LB ☐ WAF ☐ Network Connect ☐ App Stack
Enter value	☐ HTTP LB ☐ TCP LB ☐ WAF ☐ Network Connect ☐ App Stack

Traffic Volume

CLOUD SITE	EXPECTED THROUGHPUT	CONNECTIONS
Enter value	Enter value Mbps	Enter value
Enter value	Enter value Mbps	Enter value
Enter value	Enter value Mbps	Enter value

Cloud Credentials

Cloud Account Access

How will F5 XC access your cloud accounts?

CLOUD PROVIDER	ACCESS METHOD	ACCOUNT/SUBSCRIPTION ID
AWS	☐ IAM Role ☐ Access Key	Enter value
Azure	☐ Service Principal	Enter value
GCP	☐ Service Account	Enter value

Permissions Required

Have you reviewed F5 XC required cloud permissions?

- ✓ Yes - AWS IAM policy reviewed
- ✓ Yes - Azure RBAC permissions reviewed
- ✓ Yes - GCP IAM roles reviewed
- ✓ No - Need to review

Cost Optimization

Instance Types

Preferred cloud instance types:

CLOUD PROVIDER	INSTANCE TYPE	VCPU	MEMORY
AWS	☐ t3.xlarge ☐ m5.xlarge ☐ m5.2xlarge ☐ Custom	Enter value	Enter value GB
Azure	☐ Standard_D4s_v4 ☐ Standard_D8s_v4 ☐ Custom	Enter value	Enter value GB
GCP	☐ n1-standard-4 ☐ n1-standard-8 ☐ Custom	Enter value	Enter value GB

Cost Considerations

- ✓ Use spot/preemptible instances where possible
- ✓ Use reserved capacity for steady workloads
- ✓ Optimize for specific regions with lower costs

Summary: Cloud Sites Requirements

REQUIREMENT	VALUE
AWS Cloud Sites	Enter value
Azure Cloud Sites	Enter value
GCP Cloud Sites	Enter value
Total Cloud Sites	Enter value
Multi-AZ Deployments	Enter value
App Stack Sites	Enter value

Cloud regions to deploy:

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AWS: ___
Azure: ___
GCP: ___
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Additional notes:

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