

# Data Center Infrastructure Inspection Checklist Template

## Power Infrastructure

Assessment of UPS systems, generators, power distribution units (PDUs), and backup power sources.

### UPS Battery Voltage (V)

### Generator Run Time (Hours)

### PDU Power Consumption (kW)

### UPS Status

- Online
- Standby
- Battery
- Fault

### Last Generator Test Date

Enter date...

### Time of UPS Load Bank Test

### Phase Rotation

Correct

Incorrect

### Notes/Observations

Write something...

## Cooling Systems

Evaluation of chillers, cooling towers, CRAC/CRAH units, and overall temperature control.

### Chiller Inlet Temperature (°C)

Enter a number...

### Chiller Outlet Temperature (°C)

Enter a number...

### Cooling Tower Water Temperature (°C)

Enter a number...

### CRAC/CRAH Unit Supply Air Temperature (°C)

Enter a number...

### CRAC/CRAH Unit Return Air Temperature (°C)

Enter a number...

### Cooling System Operational Status

- Nominal
- Degraded
- Emergency

### Observations/Notes on Cooling System Performance

Write something...

### Last Cooling System Maintenance Date

Enter date...

## Fire Detection & Suppression

Inspection of smoke detectors, fire alarms, sprinkler systems, and fire suppression equipment.

### Last Fire Drill Date

Enter date...

### Smoke Detector Battery Voltage (V)

Enter a number...

### Smoke Detector Status

- Operational
- Malfunctioning
- Needs Replacement

### Sprinkler System Inspection

- Visual Inspection Complete
- Flow Test Performed
- Damper Check Performed

### Fire Extinguisher Pressure (PSI)

Enter a number...

### Fire Extinguisher Inspection Tag Status

- Current
- Expired
- Needs Recharge

## Notes on Fire Detection System

Write something...

# Network & Connectivity

Review of network cabling, switches, routers, and internet connectivity status.

## Switch Port Status (1=Up, 0=Down)

Enter a number...

## Router Firmware Version

## Bandwidth Utilization (%)

Enter a number...

## Network Cable Condition (Good, Fair, Poor)

- Good
- Fair
- Poor

## Last Network Scan Date

Enter date...

### Network Services Active (Select all that apply)

- DNS
- DHCP
- Firewall
- VPN

### Notes/Observations (e.g., packet loss, latency)

Write something...

## Physical Security

Verification of access controls, surveillance systems, and perimeter security measures.

### Number of Active Security Cameras

Enter a number...

### Access Control System Status

- Operational
- Degraded
- Non-Operational

### Last Perimeter Fence Inspection Date

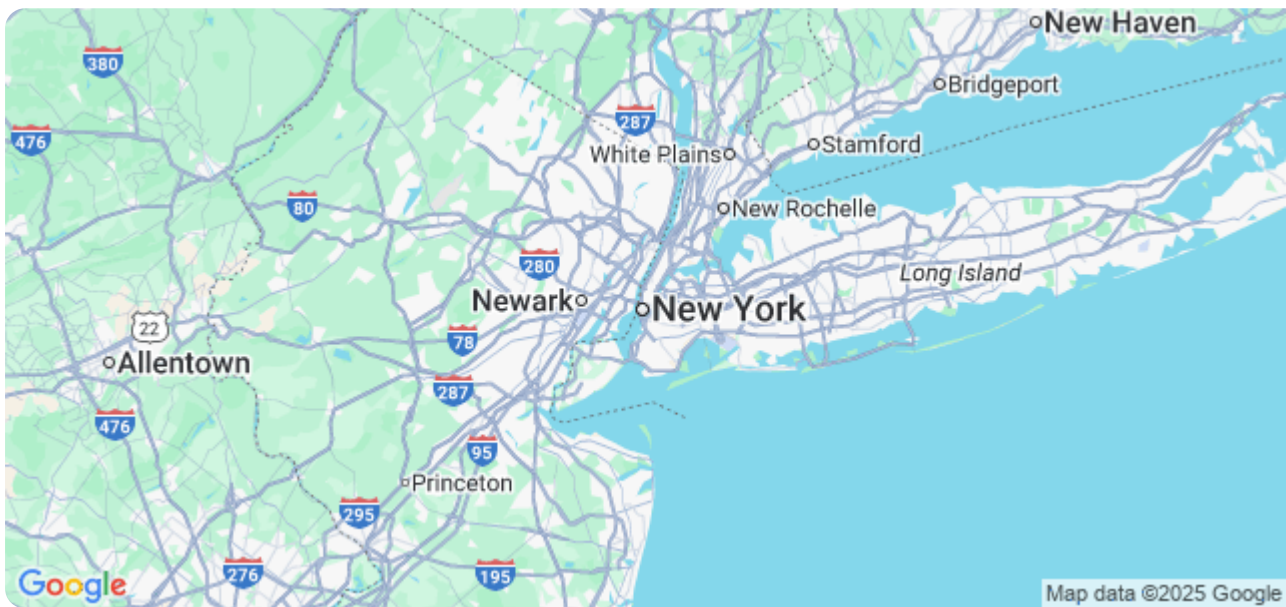
Enter date...

## Security Breach Attempts (Past Month)

- Unauthorized Access
- System Intrusion
- Physical Tampering
- None

## Location of Security System Control Panel

[📍 Set My Current Location](#)



## Security Personnel Present (Yes/No)

Write something...

# Environmental Monitoring

Assessment of humidity, temperature, and air quality sensors and readings.

## Ambient Temperature (Celsius)

Enter a number...

### Relative Humidity (%)

Enter a number...

### Differential Pressure (Pa)

Enter a number...

### Water Leak Detection Sensor Status (0-1)

Enter a number...

### Air Quality Sensor Reading

- Normal
- Warning
- Critical

### Last Calibration Date (Temperature Sensor)

Enter date...

### Time of Reading

### Notes on Environmental Conditions

Write something...

# Rack & Cabinet Integrity

Inspection of rack mounting hardware, cable management, and overall cabinet organization.

## Rack Height (U)

## Rack Condition

- Excellent
- Good
- Fair
- Poor

## Cable Management Issues

- Loose Cables
- Overcrowding
- Improper Routing
- Missing Ties

## Number of Blanking Panels Installed

## Door Security (Front)

- Secure
- Unlocked
- Damaged

### Door Security (Rear)

- Secure
- Unlocked
- Damaged

### Additional Notes on Rack/Cabinet Integrity

Write something...

## Power Cabling & Labeling

Verification of proper cable routing, labeling, and termination.

### Cable Tray Condition (Description)

Write something...

### Number of Cable Management Clips Present

Enter a number...

### Cable Labeling Quality

- Excellent
- Good
- Fair
- Poor

### Labeling Standards Met?

- Color Coding
- Circuit Identification
- Equipment Tagging

### Any Damaged or Frayed Cables Noted?

Write something...

### Cable Routing Compliance

- Compliant
- Minor Deviation
- Major Deviation

### Last Cable Inspection Date

Enter date...

## Backup & Disaster Recovery

Review of backup power systems functionality and disaster recovery plan readiness.

### Last Backup Date

Enter date...

### Scheduled Backup Time

### Backup Completion Status (%)

Enter a number...

### Backup Type

- Full
- Incremental
- Differential

### Backup Verification Results

Write something...

### Backup Logs

 Upload File

### Offsite Replication Status

- Successful
- Failed
- N/A

### Disaster Recovery Plan Review Date

Write something...

# Documentation & Compliance

Verification of up-to-date documentation, maintenance logs, and adherence to relevant compliance standards.

## Last Compliance Audit Date

## Audit Score (if applicable)

## Compliance Standard(s) Met

- ISO 27001
- PCI DSS
- HIPAA
- SOC 2
- Other

## Summary of Audit Findings (if applicable)

## Upload of Audit Report (if applicable)

 Upload File

**Review of Emergency Procedures**

- Reviewed and Updated
- Reviewed - No Updates Required
- Not Reviewed

**Date of Next Scheduled Compliance Review**

Enter date...