

# Data Center Infrastructure Inspection Checklist Template

 Show only Checklist

Display Style  
Default 

## Power Infrastructure

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

### UPS Battery Voltage (V)

Enter a number...

### Generator Run Time (Hours)

Enter a number...



### **PDU Power Consumption (kW)**

Enter a number...

### **UPS Status**

- Online
- Standby
- Battery
- Fault

### **Last Generator Test Date**

Enter date...

### **Time of UPS Load Bank Test**

Enter time...

### **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)

## Router Firmware Version

## Bandwidth Utilization (%)

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

 Good Fair Poor

## Last Network Scan 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

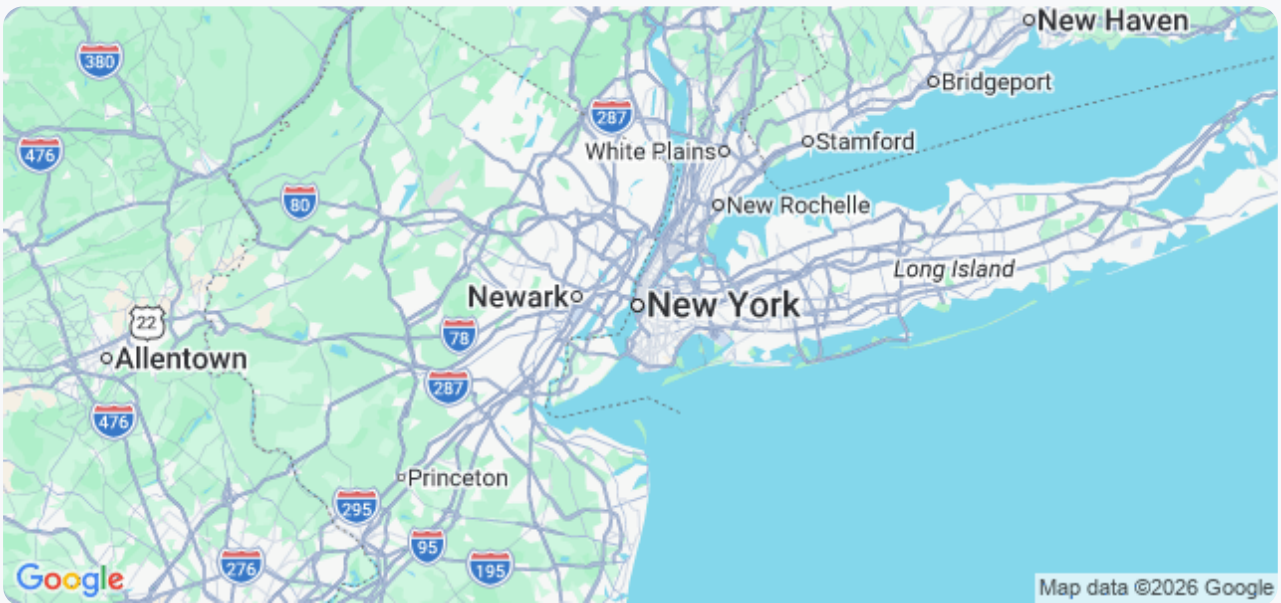
Enter date...

### 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)

## Relative Humidity (%)

## Differential Pressure (Pa)

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

## Air Quality Sensor Reading

- Normal
- Warning
- Critical

### Last Calibration Date (Temperature Sensor)

### Time of Reading

### Notes on Environmental Conditions

## 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**

Enter a number...

### **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

Enter 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

Enter date...

### Audit Score (if applicable)

Enter a number...

### Compliance Standard(s) Met

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

### Summary of Audit Findings (if applicable)

Write something...

### 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...

