

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)

Generator Run Time (Hours)



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

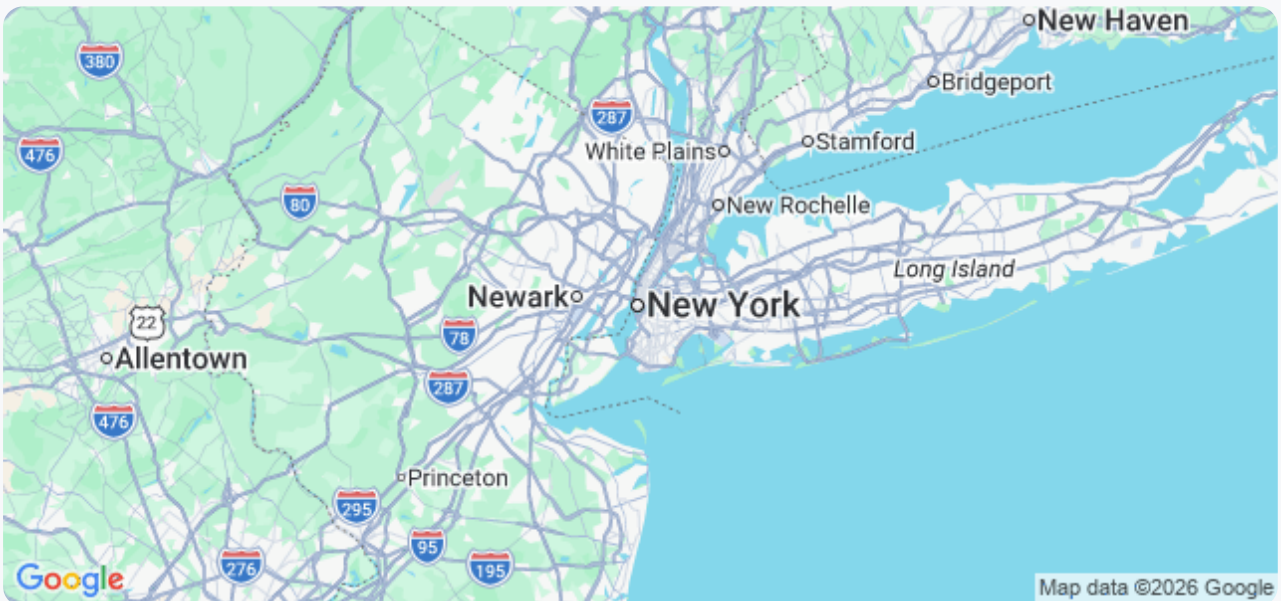
Enter date...

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...

