

Linux It-Agent deployment script

Use of the script:

1. Put the script in a sh file
2. Replace “your-cloud-token-here” with your cloud token
3. Make it executable by running `chmod +x “Name of file”`
4. Run the script

Script Workflow

- **Set cloud token**
 - A variable `cloudtoken` at the top holds your Lansweeper Cloud token (needs to be filled in by you).
- **Check system architecture**
 - Runs `uname -m` to detect CPU architecture.
 - If not `x86_64/amd64`, it prints a warning and exits, since the IT Agent only supports `amd64`.
- **Check for curl/wget**
 - Ensures at least one of `curl` or `wget` is installed.
 - Exits with instructions if neither is available.
- **Detect Linux distribution**
 - Looks for `/etc/debian_version` → assumes **Debian/Ubuntu** → sets `.deb` installer URL.
 - Looks for `/etc/redhat-release` (or CentOS/Fedora equivalents) → sets `.rpm` installer URL.
 - If neither → prints unsupported distro and exits.
- **Download the correct installer**
 - Uses `curl` (preferred) or falls back to `wget`.
 - Saves the installer into `/tmp/lansweeper-it-agent.deb` or `.rpm`.
- **Create configuration file**
 - Creates `/etc/lansweeper-it-agent/itagent.conf`.
 - Writes JSON with your `cloudtoken` inside.
 - Example:
 - {
 - "cloudtoken": "your-cloud-token"
 - }
- **Install the package**
 - If Debian/Ubuntu → runs `dpkg -i` (and `apt-get install -f` if dependencies are missing).
 - If RHEL/CentOS/Fedora → runs `rpm -i` (and `yum install -f` if dependencies are missing).
 - Uses `sudo` for elevated permissions.
- **Cleanup**
 - Deletes the downloaded installer file from `/tmp`.

- **Success message**

- Prints confirmation.
- Reminds you where the config file is (/etc/lansweeper-it-agent/itagent.conf) and how to update the token later.

```
#!/bin/bash
set -e

# -----
# Lansweeper IT Agent Installer Script
# -----

# Set your cloud token here
cloudtoken="your-cloud-token-here"

# Check system architecture
ARCH=$(uname -m)
if [[ "$ARCH" != "x86_64" && "$ARCH" != "amd64" ]]; then
    echo "    Lansweeper IT Agent Discovery is only available for amd64
(x86_64)."
    echo "    You are running: $ARCH"
    echo "    Please use an x86_64 VM or Docker container with --platform
linux/amd64."
    exit 1
fi

# Check curl/wget
if ! command -v curl &>/dev/null && ! command -v wget &>/dev/null; then
    echo "    Neither curl nor wget found. Please install one of them."
    echo "    Example (Debian/Ubuntu): sudo apt install curl -y"
    echo "    Example (RHEL/Fedora):    sudo yum install curl -y"
    exit 1
fi

# Detect distro family
if [ -f /etc/debian_version ]; then
    PKGTYPE="deb"
    INSTALLER_URL="https://download.lansweeper.com/deb-
repository/stable/latest"
    INSTALLER_PATH="/tmp/lansweeper-it-agent.deb"
    INSTALL_CMD="sudo dpkg -i $INSTALLER_PATH || sudo apt-get install -f -y"
elif [ -f /etc/redhat-release ] || [ -f /etc/centos-release ] || [ -f
/etc/fedora-release ]; then
    PKGTYPE="rpm"
    INSTALLER_URL="https://download.lansweeper.com/rpm-
repository/stable/latest"
    INSTALLER_PATH="/tmp/lansweeper-it-agent.rpm"
    INSTALL_CMD="sudo rpm -i $INSTALLER_PATH || sudo yum install -f -y"
else
    echo "    Unsupported Linux distribution."
    exit 1
fi

echo "    Downloading Lansweeper IT Agent Discovery installer for $PKGTYPE..."

# Download installer
```

```
if command -v curl &>/dev/null; then
    curl -L -o "$INSTALLER_PATH" "$INSTALLER_URL"
else
    wget -O "$INSTALLER_PATH" "$INSTALLER_URL"
fi

echo " Installing Lansweeper IT Agent Discovery with cloud token..."

# Create config file with cloudtoken
CONFIG_PATH="/etc/lansweeper-it-agent/itagent.conf"
sudo mkdir -p /etc/lansweeper-it-agent
cat <<EOF | sudo tee "$CONFIG_PATH" >/dev/null
{
    "cloudtoken": "$cloudtoken"
}
EOF

# Silent install
eval "$INSTALL_CMD"

# Remove installer
rm -f "$INSTALLER_PATH"

echo " Installation completed."
echo " Cloud token has been set in: $CONFIG_PATH"
echo " If your token changes, re-run this script to update it."
```

Mac It-Agent deployment script

Use of the script:

1. Put the script in a sh file
2. Replace “your-cloud-token-here” with your cloud token
3. Make it executable by running `chmod +x “Name of file”`
4. Run the script

Script workflow

- Defines a `$CLOUDTOKEN` variable.
- Downloads the **latest pkg installer** and **config script**.
- Replaces the placeholder `cloudtokenvalue` in the config `.sh` file.
- Runs a **silent install** with `installer`.
- Removes the installer afterward.
- Rerunning updates the token automatically.

```
#!/bin/bash
# =====
# Lansweeper IT Agent Discovery Silent Installer (macOS)
# =====

# --- 1. Set Cloud Token Variable ---
CLOUDTOKEN="YOUR_CLOUD_TOKEN_HERE"    # Replace with your linking code

# --- 2. Define Download URLs ---
INSTALLER_URL="https://download.lansweeper.com/stable/MAC/it-agent-discovery-
pkg/latest"
CONFIG_URL="https://download.lansweeper.com/stable/MAC/pkg-scripts/it-agent-
discovery-stable/latest"

# --- 3. Define Local File Paths ---
WORKDIR="/tmp/lansweeper-install"
INSTALLER_PKG="$WORKDIR/lansweeper-it-agent-discovery.pkg"
CONFIG_SCRIPT="$WORKDIR/it-agent-config.sh"

# --- 4. Prepare Work Directory ---
rm -rf "$WORKDIR"
mkdir -p "$WORKDIR"

# --- 5. Download Installer and Config ---
echo "Downloading Lansweeper IT Agent Discovery installer..."
curl -L "$INSTALLER_URL" -o "$INSTALLER_PKG"

echo "Downloading Lansweeper config script..."
curl -L "$CONFIG_URL" -o "$CONFIG_SCRIPT"

# --- 6. Insert Cloud Token into Config ---
echo "Updating config script with cloud token..."
sed -i.bak "s/cloudtokenvalue/$CLOUDTOKEN/g" "$CONFIG_SCRIPT"
```

```
rm -f "$CONFIG_SCRIPT.bak"

# --- 7. Run Silent Install ---
echo "Running silent installation..."
sudo installer -pkg "$INSTALLER_PKG" -target /

# --- 8. Apply Config Script (if required by Lansweeper docs) ---
echo "Applying configuration..."
sudo bash "$CONFIG_SCRIPT"

# --- 9. Cleanup ---
rm -f "$INSTALLER_PKG"
echo "Installer removed."

echo " Lansweeper IT Agent Discovery installation completed."
```

Windows It-Agent deployment script

Use of the script:

1. Save this file as a PS1
2. Replace #YOUR_CLOUD_TOKEN_HERE
3. Run the script

Script workflow:

- Downloads the **latest EXE** and **latest .cfg config** file from Lansweeper.
- Replaces the placeholder `cloudtokenvalue` with your `$CloudToken`.
- Installs silently with:

```
--mode unattended --config "install_config.cfg"
```

- Cleans up the installer afterwards.
- To **update the cloud token**, simply rerun the script with a new `$CloudToken`.

```
# =====
# Lansweeper IT Agent Discovery Silent Installer
# =====

# --- 1. Set Cloud Token Variable ---
$CloudToken = "YOUR_CLOUD_TOKEN_HERE"    # Replace with your linking code

# --- 2. Define Download URLs ---
$InstallerUrl = "https://download.lansweeper.com/stable/windows/it-agent-
discovery/latest"
$ConfigUrl    = "https://download.lansweeper.com/stable/windows/lansweeper-
it-agent-installation-config-stable/latest"

# --- 3. Define Local File Paths ---
$TempFolder   = "$env:TEMP\LansweeperInstaller"
$InstallerExe = "$TempFolder\Lansweeper-IT-Agent-Discovery-Installer.exe"
$ConfigFile   = "$TempFolder\install_config.cfg"

# --- 4. Prepare Temp Folder ---
if (Test-Path $TempFolder) {
    Remove-Item -Recurse -Force $TempFolder
}
New-Item -ItemType Directory -Path $TempFolder | Out-Null

# --- 5. Download Installer and Config ---
Write-Host "Downloading Lansweeper IT Agent Discovery installer..."
Invoke-WebRequest -Uri $InstallerUrl -OutFile $InstallerExe

Write-Host "Downloading Lansweeper config file..."
Invoke-WebRequest -Uri $ConfigUrl -OutFile $ConfigFile

# --- 6. Insert Cloud Token into Config ---
```

```
Write-Host "Updating config file with cloud token..."
(Get-Content $ConfigFile) -replace "cloudtokenvalue", $CloudToken | Set-
Content $ConfigFile -Encoding UTF8

# --- 7. Run Silent Install with Config ---
Write-Host "Running silent installation..."
Start-Process -FilePath $InstallerExe -ArgumentList "--mode unattended --
config `"$ConfigFile`"" -Wait -NoNewWindow

# --- 8. Cleanup Installer ---
if (Test-Path $InstallerExe) {
    Remove-Item $InstallerExe -Force
    Write-Host "Installer removed."
}

Write-Host "Lansweeper IT Agent Discovery installation completed."
```