VIRTUAL PRIVATE NETWORK (VPN)

POLICY NUMBER: IT-VPN
POLICY TYPE: VIRTUAL PRIVATE NETWORK (VPN) POLICY
RESPONSIBLE OFFICIAL TITLE: CHIEF INFORMATION OFFICER
RESPONSIBLE OFFICE: OFFICE OF INFORMATION TECHNOLOGY
EFFECTIVE DATE: UPON PRESIDENTIAL APPROVAL – 4/5/19
NEXT REVIEW DATE: PRESIDENTIAL APPROVAL PLUS 4 YEARS – 4/5/23
SUPERSEDES POLICY DATED: N/A – NEW POLICY
BOARD OF REGENTS REPORTING (CHECK ONE):
☐ PRESIDENTIAL RECOMMENDATION (CONSENT AGENDA/VOTING ITEM):
☒ PRESIDENTIAL REPORT (INFORMATION ONLY)

I. POLICY STATEMENT

This policy provides stipulations for the use of virtual private network (VPN) connections to the Northern Kentucky University network.

VPN is a method to securely access NKU’s business network when not on campus, allowing users to securely access NKU’s network and share data remotely through public networks.

Users of VPN technology are responsible to ensure that unauthorized users are not permitted to access NKU’s internal networks. When actively connected to the NKU internal network via VPN, only Remote Desktop Protocol (RDP) and PC-Over-IP (PCoIP) services will be permitted through the VPN connection. All other internet-bound traffic will be routed through the user’s local internet connection and will NOT go through the VPN association.

VPN users must also comply with the following:

- Computers (personally-owned as well as NKU-owned) connected to NKU internal networks via VPN must use up-to-date antivirus software.
- Computers (personally-owned as well as NKU-owned) connected to NKU internal networks via VPN must be up-to-date on operating system patches.
- VPN users will be automatically disconnected from the NKU internal network after two hours of inactivity. The user must log on again to reconnect to the network. Pings or artificial processes may not be used to keep the connection open.
- VPN connections are limited to an absolute connection time of 24 hours.
- Users of non-NKU-owned computers must configure their computer to comply with NKU’s VPN, network, and security policies.
- Only NKU-approved VPN clients may be used.
- VPN is to be used for NKU related business and educational purposes only.
- VPN access is limited to active students, faculty, staff, and other approved groups in pursuit of academic credentials.
II. ENTITIES AFFECTED

This policy applies to all NKU faculty, staff, students, contractors, consultants, temporary employees, and all personnel affiliated with third parties utilizing VPNs to access the NKU network.

III. DEFINITIONS

Virtual Private Network (VPN) – A secured private network connection built on top of a public network, such as the internet, as shown in the diagram below.

Remote Desktop Protocol (RDP) – A protocol developed by Microsoft, which provides a user with a graphical interface to connect to another computer over a network connection.

PC-Over-IP (PCoIP) – A remote display protocol employed specifically by NKU’s VDI (Virtual Desktop Infrastructure) environment, VMWare Horizon.

IV. RESPONSIBILITIES

VPN gateways will be set up and managed by NKU IT.

Users with VPN privileges must ensure that unauthorized users are not allowed access to NKU internal networks.

REVISION HISTORY

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<th>REVISION TYPE</th>
<th>MONTH/YEAR APPROVED</th>
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VIRTUAL PRIVATE NETWORK (VPN)

PRESIDENTIAL APPROVAL

PRESIDENT

Signature

Date

Ashish K. Vaidya

BOARD OF REGENTS APPROVAL

BOARD OF REGENTS (IF FORWARDED BY PRESIDENT)

☒ This policy was forwarded to the Board of Regents on the Presidential Report (information only).
  Date of Board of Regents meeting at which this policy was reported: 5/8/19.

☐ This policy was forwarded to the Board of Regents as a Presidential Recommendation (consent agenda/voting item).
  ☐ The Board of Regents approved this policy on _____/_____/_______.
    (Attach a copy of Board of Regents meeting minutes showing approval of policy.)
  ☐ The Board of Regents rejected this policy on _____/_____/_______.
    (Attach a copy of Board of Regents meeting minutes showing rejection of policy.)

EXECUTIVE ASSISTANT TO THE PRESIDENT/SECRETARY TO THE BOARD OF REGENTS

Signature

Date

Print Name