Human Resources
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Network Architect

JOB CODE	JOB FAMILY	PROFILE
JCP506	**Information Technology**	**Network Architect**
PAY TYPE	**PAY RANGE**	**REVISION DATE**
Salary	**$81,557.00 - $126,381.00**	**April 30, 2026**

The Network Architect serves as the strategic leader responsible for designing, planning, and guiding the evolution of Bernalillo County's enterprise network infrastructure. This role focuses on long-term architecture, scalability, security, and alignment with organizational goals. The Network Architect provides technical vision, ensures compliance with industry standards, and acts as a trusted advisor to senior leadership on network strategy.

Job Description

DUTIES AND RESPONSIBILITIES

- Define and maintain the county's enterprise network architecture roadmap.
- Lead the design of complex, multi-site, hybrid (cloud/on-premises) network solutions.
- Ensure scalability, resilience, and security in all network designs.
- Provide technical direction and mentorship to Network Engineers and IT staff.
- Establish standards, policies, and best practices for network operations.
- Serve as the escalation point for high-impact network issues.
- Evaluate emerging technologies and recommend adoption strategies.
- Drive modernization initiatives such as cloud integration.

- Align network architecture with county-wide digital transformation goals.
- Ensure compliance with federal, state, and local regulations, including cybersecurity mandates.
- Partner with Information Security teams to embed security into network design.
- Document architecture decisions and maintain enterprise-level diagrams and standards.
- ***The above information is intended to outline the general nature and scope of the duties required for this position. It is not an exhaustive list and may vary depending on specific job assignments and responsibilities.***

MINIMUM QUALIFICATIONS

- Bachelor's Degree in Computer Science, Information Technology, Networking, or a related field.
- Ten (10) years of progressive experience in network engineering, design, or architecture.

Any equivalent combination of related education and/or experience may be considered for the above requirements.

SUPPLEMENTAL INFORMATION

SCREENING AND COMPLIANCE

The offer of this Bernalillo County position requires compliance with the following:

- Successful completion of a post-offer employment medical examination.
- Adherence to all County safety guidelines.
- Complete all FEMA training(s) assigned to this position.
- Possession of a valid New Mexico driver's license by the date of hire and maintenance of a valid license while employed in this position.
- Complete required supervisor training, if applicable.

PREFERENCES

- Cisco Network Certification (CCNP), Cisco Certified Internetwork Expert (CCIE), or equivalent.

WORKING CONDITIONS

- Work is typically performed in an indoor office environment but occasionally requires travel to other locations.
- Work environments may include noise, dust and/or unpleasant odors, and may occasionally require work in confined spaces.
- Occasional evenings, holidays, and/or weekend work may be required.

EQUIPMENT, TOOLS, AND MATERIALS

- Equipment typically used in the performance of office duties includes telephone, computer, printer, and copy machine.
- Various types of paperwork and forms are handled in the performance of duties.