



# Information and General Services Department

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*Information Systems  
Geographic Information Systems  
Facilities Management*

*Emergency Services  
Central Services  
Cable Television*

*Purchasing  
Airport  
Library*

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## NEVADA COUNTY BOARD OF SUPERVISORS Board Agenda Memo

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**MEETING DATE:** August 13, 2019

**TO:** Board of Supervisors

**FROM:** Steve Monaghan, Chief Information Officer

**SUBJECT:** Resolution Authorizing the Capital Asset Purchase of Five Dell PowerEdge Servers, Purchase of Supplemental Infrastructure Equipment, and Amending the FY19-20 Information Systems Budget in the Amount of \$103,725 (Requires 4/5 Affirmative Vote)

**RECOMMENDATION:** Adopt the Resolution

**FUNDING:** A release of \$103,725 from the Information Systems Infrastructure assignment of the General Fund is requested to purchase the servers and additional infrastructure hardware for upgrade to the virtual server infrastructure. A budget amendment is requested to increase the FY2019-20 Information Systems budget for this purchase.

**BACKGROUND:** Information Systems maintains a virtual server infrastructure (VSI) in the County's main data center that hosts a majority of the data and applications used by County staff, including both department-specific applications as well as enterprise-wide applications. The VSI includes a number of physical servers and a data storage network. Through the use of virtualization software, the physical servers are partitioned into a larger number of virtual servers that can expand and contract as needed to meet the County's overall need for data processing capacity.

The physical servers that make up the County VSI are due for replacement due to age and indicators of future failure. Replacement of the physical servers will ensure ongoing stability for County staff in the use of data and applications. To ensure ongoing stability, key infrastructure improvements including network switches, cabling and interface modules are included in this upgrade.

This purchase has been scheduled in the Information Systems infrastructure five-year spending plan and has been recommended for funding from the Information Systems Infrastructure assignment of the General Fund by the Information Systems Steering Board.

**Item Initiated and Approved by:** Steve Monaghan

Submittal Date: July 29, 2019