

### IT 600 Module Six Matrix Assignment Guidelines and Rubric

**Overview:** Using the Intel matrix provided in the Module Six Overview as an exemplar, complete the matrix below that lists the benefits, drawbacks, and business impacts of RAID 1, RAID 5, and RAID 10. Below is a matrix created in Microsoft Word. As an example of what you are to do, it includes the benefits, drawbacks, and business impacts of RAID 0. Complete the other columns using your own research.

**Prompt:** Your completed matrix should include these critical elements for RAID 1, RAID 5, and RAID 10 columns:

- The benefits
- The drawbacks
- The business impacts

	RAID 0	RAID 1	RAID 5	RAID 10
<b>Benefits</b>	Provides very fast access by spreading data over across all member disks	Student research here...	Student research here...	Student research here...
<b>Drawbacks</b>	If one disk fails, all data is lost because each block represents the ONLY copy of the data	Student research here...	Student research here...	Student research here...
<b>Business Impact</b>	Businesses that need the fastest access with no redundancy will benefit; however, businesses sensitive to data loss should avoid RAID 0	Student research here...	Student research here...	Student research here...

**Guidelines for Submission:** Your assignment must be submitted as a completed matrix free of spelling and grammar errors.

**Rubric**

<b>Critical Elements</b>	<b>Proficient (100%)</b>	<b>Needs Improvement (70%)</b>	<b>Not Evident (0%)</b>	<b>Value</b>
<b>Benefits</b>	The benefits of RAID 1, RAID 5, and RAID 10 are listed	Some of the benefits of RAID 1, RAID 5, and RAID 10 are listed	The benefits of RAID 1, RAID 5, and RAID 10 are not listed	30
<b>Drawbacks</b>	The drawbacks of RAID 1, RAID 5, and RAID 10 are listed	Some of the drawbacks of RAID 1, RAID 5, and RAID 10 are listed	The drawbacks of RAID 1, RAID 5, and RAID 10 are not listed	30
<b>Business Impacts</b>	The business impacts of RAID 1, RAID 5, and RAID 10 are listed	Some of the business impacts of RAID 1, RAID 5, and RAID 10 are listed	The business impacts of RAID 1, RAID 5, and RAID 10 are not listed	30
<b>Guidelines for Submission</b>	Guidelines for submission have been met	The content of the matrix has some spelling and grammar errors	The assignment was not submitted as a matrix	10
<b>Earned Total</b>				<b>100%</b>