Data Center Downtime at the Core and the Edge

Results from the 2020 Ponemon Institute survey on downtime show increased frequency and duration requiring prevention and a closer look at organizational attitudes impacting availability.

### Total Annual Downtime

<table>
<thead>
<tr>
<th>Category</th>
<th>Core Data Center</th>
<th>Edge Data Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>2.4 per year</td>
<td>2.7 per year</td>
</tr>
<tr>
<td>Total Outage Duration</td>
<td>119 minutes</td>
<td>130 minutes</td>
</tr>
<tr>
<td>Total Annual Downtime</td>
<td>331 minutes</td>
<td>122 minutes</td>
</tr>
</tbody>
</table>

Together, that’s more than enough time to binge watch an entire season of your favorite show.

### Why Downtime?

- The risk of an unplanned outage increased as a result of cost constraints (69%)
- Senior management fully supports our efforts to prevent and manage unplanned outages (62%)
- We utilize all best practices in design and redundancy to maximize availability (51%, 50%, 46%, 54%)

### Contributing Attributes

- Core Data Center
- Edge Data Center

### Recommended Strategies

- Infrastructure Redundancy
- Monitoring and Remote IT Management
- UPS Scalability
- Lithium-Ion Batteries
- Power Distribution Design