UA High Performance Computing (HPC) is an interdisciplinary research center. The mission is to enable research and discoveries that advance sciences and technologies. UA HPC deploys and operates advanced computing and data resources to enable computational and data-enabled research activities of students, faculty, and staff at the University of Arizona. UA HPC also provides consulting, technical documentation, and training to support users of these resources.

This site is divided into sections that describe the High Performance Computing (HPC) resources that are available; how to use them; and the rules for use.

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Notes
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<th>Date</th>
<th>Event</th>
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<tr>
<td>25 Jul 2018</td>
<td>Maintenance downtime is scheduled from 8 AM to 6 PM on July 25. No impact on jobs running on ElGato is expected.</td>
</tr>
<tr>
<td>Multiple Dates</td>
<td>Multiple network maintenance events for campus are summarized <a href="#">here</a></td>
</tr>
<tr>
<td>25 Apr 2018</td>
<td>Maintenance downtime is scheduled from 6 am to 6 pm on April 25.</td>
</tr>
<tr>
<td>23 Mar 2018</td>
<td>Debug queue is added to support testing code or trying script options. It has higher priority but short limits.</td>
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<tr>
<td>02 Feb 2018</td>
<td>46 nodes with Nvidia GPU's are available for standard and windfall use.</td>
</tr>
<tr>
<td>24 Jan 2018</td>
<td>Maintenance downtime is scheduled for January 24 and 25</td>
</tr>
<tr>
<td>02 Jan 2018</td>
<td>The 2012 systems (cluster, smp, and htc) have been powered off as scheduled.</td>
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<tr>
<td>Date</td>
<td>Entry</td>
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<tr>
<td>Dec 17</td>
<td>We are taking delivery of 46 new Ocelote nodes with Nvidia P100 GPU's that will be available to campus researchers, probably early February.</td>
</tr>
<tr>
<td>Dec 17</td>
<td>We offer a new web portal called Open OnDemand which includes Jupyter notebooks and a nifty file browser</td>
</tr>
<tr>
<td>Oct 17</td>
<td>Scheduled maintenance. Ocelote compute node, login node, fileserver and hpc.arizona.edu bastion host patching and required reboots; El-Gato will be inaccessible at times during this window due to bastion updates. Legacy systems (ICE, SMP, HTC) will be rebooted after fileserver updates as well.</td>
</tr>
<tr>
<td>Jul 17</td>
<td>Scheduled maintenance. Compute node upgrades. Complete</td>
</tr>
<tr>
<td>Apr 17</td>
<td>Maintenance on the storage array affecting the Ocelote system, the Globus DTNs, the El Gato GPU cluster, and the legacy smp/cluster/htc systems. The maintenance is expected to run from 6am-6pm</td>
</tr>
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<td>Feb 17</td>
<td>HPC/El-Gato/Ocelote down 6AM on 22 February until at least 6PM on 23 February for storage system expansion and filesystem maintenance.</td>
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<td>Oct 16</td>
<td>Maintenance Outage (ocelote, hpc.arizona.edu, sftp.hpc only intermittent outages) 6AM to 6PM</td>
</tr>
<tr>
<td>Sep 16</td>
<td>Maintenance Outage 8AM to 6PM</td>
</tr>
<tr>
<td>Date</td>
<td>Event Description</td>
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<td>07 Sep 2016</td>
<td>Maintenance Outage 8AM to 5PM</td>
</tr>
<tr>
<td>31 Aug 2016</td>
<td>Grand Opening of Ocelote 3pm</td>
</tr>
<tr>
<td>29 Jun 2016</td>
<td>Storage Maintenance - no expected interruptions.</td>
</tr>
<tr>
<td>08 Jun 2016</td>
<td>Ocelote and the bastion host hpc.arizona.edu will be down for software maintenance.</td>
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<tr>
<td>25 May 2016</td>
<td>Next scheduled maintenance window for storage migration - to be confirmed.</td>
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<td>06 May 2016</td>
<td>Pilot users starting on new cluster</td>
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<tr>
<td>04 Apr 2016</td>
<td>Intel 2016 Compiler is available on ocelote via module load intel/compiler</td>
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<td>and on frost, sleet, and hail (login.hpc) via &quot;module load intel/xe.2016.u2&quot;</td>
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<tr>
<td>22 Mar 2016</td>
<td>Configuration preparation begins. Pilot users are planned for mid-April.</td>
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<tr>
<td>17 Feb 2016</td>
<td>Testing ends - it is officially ours. Performance testing begins</td>
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<tr>
<td>07 Feb 2016</td>
<td>The new cluster is installed. Acceptance testing begins</td>
</tr>
<tr>
<td>01 Feb 2016</td>
<td>Our new cluster is delivered. Installation will take most of the week</td>
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