



Job Details

Reference: 1010

Position Title: Systems Administrator

Classification: Executive Level 1 (Senior Information Technology Officer Grade C)

Salary range: \$85,933 - \$92,792 per annum, plus an additional 15.4% superannuation

Location: 700 Collins Street, Docklands Vic 3008

Division: Systems

Branch: Information Technologies

Section: Software, Systems & Services

Status: Ongoing

Applicants: Australian citizenship – see [Eligibility Requirements](#)

Applications close: Thursday, 27 May 2010

Advertisement

The Bureau is seeking an experienced, certified systems administrator to join a team of experienced AIX, Linux and VMware administrators responsible for managing the Bureau's national forecasting systems infrastructure. The supported environment includes 12 highly available clusters (AIX, Red Hat Linux, VMware and some Veritas) that run mission critical forecasting systems and regional Storage Area Networks. The team has just commenced a major new project to replace all interstate AIX systems with virtualised Linux clusters. Occasional interstate travel may be required and there are opportunities for international travel from time to time.

We are looking for someone willing to take a lead role in ensuring industry best practice is followed in the installation, configuration, and management of hardware and software for the Red Hat Linux and VMware computing environment. Relevant tertiary qualifications, along with Red Hat Linux and VMware certifications, will be highly regarded.

Duty Statement

Under limited direction,

1. Participate in the planning, evaluation, installation, best practice implementation, support and maintenance of new and existing highly available computer systems.
2. Participate in the deployment, configuration and maintenance of in-house, Vendor, Third Party and Public Domain software in support of the Bureau's Central and Regional Operations.
3. Diagnose the more complex hardware and software faults endangering continued computer operations, initiate or direct corrective action as appropriate and participate in

an out-of-hours on-call roster as required.

4. Participate in the monitoring of hardware and software resource usage and in the optimisation of computer system resources.
5. Consult with other Sections regarding the support and development of operating systems software on other Bureau equipment, and provide expert guidance on Linux and virtualisation best practice.
6. Develop and maintain procedures for the secure and effective operation of Central & Regional forecasting computer systems.
7. Assist users in the use of Bureau computing equipment, providing appropriate advice and documentation as required.
8. Participate in Software, Systems & Services Section project related duties as required.
9. Be aware of, and apply as necessary, the principles and practices of the various elements of the Bureau's Social Justice Strategy.

Duty representing highest function: 1, 3

Immediate supervisor: Executive Level 2 (SITOB) (NO. 1022)

Job Profile

The Information Technology Branch (ITB) manages the Communications and Computing Program to meet the corporate objectives of the Bureau. The Branch is organised into five sections: (1) Corporate Systems and Services, (2) Data Communications, (3) Data Management and Internet Systems, (4) Software Systems and Services and (5) Platforms. Position 1010 is located in the Software Systems and Services section.

The occupant of position 1010 will join a team of experienced AIX, Linux and VMware administrators responsible for managing the Bureau's national forecasting systems infrastructure. The supported environment includes 12 highly available clusters (AIX, Red Hat Linux, VMware and some Veritas) that run mission critical forecasting systems and regional Storage Area Networks. The team has just commenced a major new project to replace all interstate AIX systems with virtualised Linux clusters. Occasional interstate travel may be required and there are opportunities for international travel from time to time.

The occupant of the position will take a lead role in ensuring industry best practice is followed in the installation, configuration, and management of hardware and software for the Red Hat Linux and VMware computing environment.

Selection Criteria

Applicants are required to address the selection criteria.

Responses to the selection criteria should be limited to a maximum of 500 words per criterion. For information on how to address the selection criteria refer to [A Guide On Addressing Selection Criteria For Applicants](#).

1. Experience and demonstrated skills in Linux systems administration in most if not all of:
 - 24x7 operations running Red Hat Linux;
 - Problem resolution, system monitoring and performance tools;
 - Highly available clustered VMware and Veritas configurations;

- Storage systems and SANs;
 - Commvault backup software;
 - LDAP, Active Directory and Kerberos integration;
 - Remote data centres
2. Experience in the installation, configuration and maintenance of in-house, vendor, third party and public domain software packages using Configuration Management Systems and Package (RPM) Deployment Systems
 3. Demonstrated skills in UNIX shell scripting including Perl.
 4. Ability to liaise effectively with users from a variety of work environments and with computer hardware and software vendors.
 5. Willingness to participate on a fair and equitable basis in an out-of-hours on-call restriction roster and interstate travel
 6. Ability to work independently and as a member of a team as required.
 7. A demonstrated knowledge and understanding of the Bureau's Social Justice Strategy and the APS Values and Code of Conduct and a commitment to their implementation in the workplace.

Eligibility Requirements:

Extensive systems administration and virtualisation management experience in a real time 24x7 environment are highly desirable. A degree in computer science or related field from an Australian educational institution, or a comparable overseas qualification, along with Linux and VMware certifications will be highly regarded.

Contact

If you would like to know more about the Bureau of Meteorology visit <http://www.bom.gov.au/>

Employment conditions for most Bureau employees are contained in [The Bureau of Meteorology Enterprise Agreement 2009–2010](#)

Please read the selection documentation and if you have any queries specific to this position please contact Kevin Shepherd on (03) 9669 4844.

How to Apply

Applications are to be lodged online through the Bureau of Meteorology [eRecruit system](#) by the closing date.

The eRecruit system is easy to use and will prompt you on how to register and apply for vacancies.

Prior to lodging your application online we recommend you:

- Read the position information contained in the Job Details document
- Have a current resume which details relevant employment experience, skills and qualifications
- Prepare a statement specifically addressing the Selection Criteria for the position

When applying online:

- Please respond to all the online questions, complete your responses to the selection criteria and upload a copy of your resume.
- Regularly **click save** during the online application process. If there is no activity for a set period of time the online application process may time out and some ISP's will automatically disconnect you if there is no communication from your computer for a period of time.
- We recommend you prepare your answers to the criteria in a word document then copy and paste your responses into the eRecruit system.

- Your resume should be in a Word or PDF format.

For further information on our recruitment process and how to apply refer to our careers website <http://www.bom.gov.au/careers/>

Should you experience any difficulties with accessing the eRecruit system and applying online, please contact the Recruitment Unit by email: jobs@bom.gov.au or Telephone: 03 9669 4160 / 03 9669 4583.