

Grant Cohoe

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| EDUCATION | Rochester Institute of Technology , Rochester, NY B.S., Applied Networking & System Administration, May 2013 GPA: 3.23/4.0 <ul style="list-style-type: none">• Minors in Database Design & Development and Applied Communication |
| SKILLS | Management Tools: Ansible, Puppet, VMware vSphere, Cisco UCS Manager, EMC Unisphere Cloud Providers: Amazon Web Services, Microsoft Azure, OpenStack, VMware vCloud & vCloud Air Network: Cisco Catalyst & Nexus Switching, JunOS, F5, IronPort WSA, VPN (IPsec, AnyConnect) Services & Applications: OpenLDAP, ISC-BIND/DHCPD, Jenkins, Github Enterprise, Docker System Platforms: Linux (Focus: RHEL/SLES), Windows Server (2003-2016) Development: Python, Bash, Git, Perforce |
| PROJECTS | Bluetooth Headphone Connection Manager <ul style="list-style-type: none">• Tool in Python on Fedora Linux to manage PulseAudio sinks & deal with Bluetooth connectivity quirks.• Listens for Dbus events and routes audio stream based on user configuration and connection state. College Hockey Scheduling API (In Progress) <ul style="list-style-type: none">• Designed and implemented a RESTful API using DynamoDB, Lambda, and API Gateway (AWS).• Uses the Serverless framework to provide high scalability with no persistent infrastructure. Pipeline-based Package Mirror <ul style="list-style-type: none">• Developed an RPM HTTP-only mirror system using Jenkins Pipeline Builder and Python.• Jobs defined as JSON so service is fully deployable from VCS (only Jenkins installation required). Open Source Network Resource & Access Manager - http://grantcohoe.com/projects/starrs <ul style="list-style-type: none">• Designed and developed an interactive system for auditing and management of network resources.• Gives users a self-service portal to provision logical resources such as IP addresses and DNS records. |
| PROFESSIONAL EXPERIENCE | Constant Contact , Waltham MA <u>Senior System Engineer</u> Jan 2017 to Present <ul style="list-style-type: none">• Develop and maintain extensive automation infrastructure and system platforms.• Oversee operation of all Cassandra clusters in production and pre-prod environments.• Build and integrate network automation (Cisco, Juniper, F5) into existing automation workflows. RSA The Security Division of EMC , Bedford, MA <u>Senior System Administrator</u> (Engineering Lab Services / Release Engineering) Jul 2014 to Jan 2017 <ul style="list-style-type: none">• Responsible for driving implementation initiatives such as VPN tunneling & system automation.• Work with cross-functional teams across the world to deliver projects in a complete and timely manner.• Provide level 3 support to all systems and services in the global engineering infrastructure. <u>System Administrator</u> (Engineering Lab Services / Release Engineering) Jul 2013 to Jul 2014 <ul style="list-style-type: none">• Assist in the development & operations of the global product engineering labs and release infrastructure.• Develop infrastructure software and tools to provide visibility into lab resources and utilization. Camp Fitch Computer Camp , North Springfield PA <u>Director</u> Jun 2013 to Present <ul style="list-style-type: none">• Plan & operate a 2-week program teaching children introductory computer topics.• Interact and discuss topics and concerns with parents, camp staff, and co-directors.• Primarily responsible for facilities, on-site operations, and staffing. |
| AWARDS | Excellence@EMC Silver <u>Transparent Proxy Implementation</u> September 2014 <u>Whatever It Takes</u> January 2016 <u>Quick Connectivity Solution</u> March 2016 |
| ACTIVITIES & INTERESTS | <ul style="list-style-type: none">• Amateur Ice Hockey Player• Outdoor Excursion Enthusiast• Mens & Womens College/Pro Hockey Fan |