

# June 2019 LUG Meeting Overview Agenda

## Notes:

**Status:** Sessions are confirmed, however, there may always be a chance for scheduling changes to occur. Please check back regularly.

**Dates:** 02 June 2019 through 07 June 2019

**Times:** **Sunday Evening** - Rochester, MN.

- **6:00** PM 1st time attendee meeting.
- **7:00** PM Reception.

### **Monday through Friday sessions and breakouts - IBM site**

- 6:45 AM to 7:45 AM breakfast daily Monday - Friday.
- 8:00 AM meeting start every day.
- 5:00 PM close on Monday, Tuesday and Thursday.
- 6:00 PM close on Wednesday.
- 11:00 AM close on Friday.

### **Evening Events**

- 6:30 PM in downtown Rochester. Registration is required.
- 6:30 PM Thursday evening event in Rochester. Registration is required.
- 4:00 to 6:00 PM **Wednesday** Ask the Experts **at IBM.**

**Location:** **All Monday through Friday sessions and breakouts** are at the IBM site in Rochester, MN.

- Evening events are at various locations in Rochester, with the exception of Ask the Experts at the IBM site.

**Dress code:** Business casual

**More:** Titles shown below are abbreviated to save space (and may change slightly).

Abstracts are available.  
Read about the speakers.

Updated 04/23/19: Preliminary Agenda Grid. Updates are possible.  
Updated 05/1/19: Updated a few titles, minor schedule changes. Updates are still possible (including a few session adds).  
Updated 5/7/19: A few minor schedule changes. Added sessions: DCM GUI Walkthrough, IWS Server Updates and Power based HMC demo.  
Updated 5/16/19: Minor updates to Session titles.

June 2019 Meeting Planner																				
Focus = Systems Management and Administrative Topics																				
Sunday June 2	Monday June 3				Tuesday June 4				Wednesday June 5				Thursday June 6				Friday June 7			
TBD	IBM - 025-2				IBM - 025-2				IBM - 025-2				IBM - 025-2				IBM - 025-2			
Time	Track 1		Track 2		Time	Track 1		Track 2		Time	Track 1		Track 2		Time	Track 1		Time		
6:45	Registration & Breakfast				6:45	Breakfast				6:45	Breakfast				6:45	Breakfast		6:45		
7:00					7:00					7:00					7:00			7:00		
7:30					7:30					7:30					7:30			7:30		
8:00	Welcome				8:00	IBM Db2 Mirror for i				8:00	Power Systems Offerings				8:00	A Tale of Two Cities (X-Force)		8:00	Navigator and Monitoring Updates	
8:30					8:30					8:30					8:30			8:30		
8:45	Power Systems Business Update				8:45	Member Minute				8:45	IBM i Client Success Stories				8:45	Managing Open Source with Containers		8:45	AI on IBM i	
9:00					9:00					9:00					9:00	CMC and Enterprise Pools		9:00		
9:30	Break				9:30	Break and Networking				9:30	Break and Networking				9:30			9:30	Break	
9:45					9:45					9:45					9:45			9:45		
10:00	IBM i Update				10:00	Power Processor Hardware Futures				10:00	VIOS Updates		ACS Advanced Usage and Administration		10:00	Break		10:00	Hidden Gems on IBM i	
10:15					10:15					10:15					10:15			10:15		
10:30					10:30					10:30					10:30			10:30	Fall LUG Preview & Closing	
11:00	Db2 for i Update				11:00	Cognitive Systems Management Updates & Roadmap		Managing and Monitoring w/PowerSC Tools for IBM i		11:00	IBM i in the Public Cloud: Offerings, Use Cases and Operations		Nagios and IBM i		11:00	LUG Business		11:00		
11:15					11:15					11:15					11:15			11:15		
11:30					11:30					11:30					11:30			11:30		
12:00	Lunch		Photos		12:00	Lunch		First Time Attendees		12:00	Lunch		International Members		12:00	Lunch		12:00		
12:30					12:30					12:30					12:30			12:30		
12:45	Member Minute				12:45	Storage Insights		Authority Collection		12:45	Cloud Tools for IBM i to use in your Data Center		ACS Updates		12:45	Requirements Review		12:45		
1:00					1:00					1:00					1:00			1:00		
1:30	Support Transformation Update				1:30	MWS Server Updates		POWER based HMC demo		1:30	Doctor Updates		7.4 Upgrade		1:30	Power iO Trends and Directions		1:30	Why Job Watcher is Key for Performance Analysis on IBM i	
2:00					2:00					2:00					2:00			2:00		
2:30	Break and Networking				2:30	Break and Networking				2:30	Break and Networking				2:30	Break and Networking		2:30		
3:00	Jamie Thomas IBM VP				3:00	SQL for the Admin		7.4 Under the Hood		3:00	PowerHA & BRMS Roadmaps & Updates				3:00	What's New IBM i Security		3:00	IASPs and IBM i	
3:30					3:30					3:30					3:30			3:30		
3:45	Licensing Tips		IBM Db2 Mirror for i Overview		3:45					3:45					3:45			3:45		
4:00					4:00	Get the Best Performance out of IBM i - POWER9		New System Admin Utilities in Db2 Web Query		4:00	Ask the Experts				4:00	What Makes an Effective Security Org (X-Force)		4:00		
4:30	Java on i - future direction		DCM GUI Walkthrough		4:30					4:30					4:30			4:30		
5:00					5:00					5:00					5:00			5:00		
5:30					5:30					5:30					5:30			5:30		
6:00	First Time Attendess				6:00			Open Evening		6:00					6:00			6:00		
6:30					6:30					6:30					6:30			6:30		
7:00	Reception		Dinner		7:00					7:00					7:00	Evening Event		7:00		

## Sunday, June 2, 2019

Session Title	Abstract
First Time Attendee Meeting	This session provides the first time attendee and experienced LUG members with an overview of what to expect during the week, LUG operations, and the web site. The focus is on actions you should take during the week.
LUG Member Reception - LUG members and IBM	This is an opportunity to have informal discussion with other LUG members, renew old acquaintances, and meet some of the IBM development team. There are no presentations, no agenda, just discussion, refreshments and hors d'oeuvres.

**June 2019 LUG Meeting  
Abstracts**

**Monday, June 3, 2019**

Session Title	Abstract
Registration and Breakfast Updated 12/20/2018	Things to do on arrival at the meeting this morning: <ul style="list-style-type: none"> <li>• Bring a <a href="#">photo ID</a> (such as driver's license) or passport (for non-US members)</li> <li>• Pick up your registration packet</li> <li>• Meet your IBM Advocate ... be sure to contact them before the meeting</li> <li>• Find a place to sit near the front</li> <li>• Pick up a connector device for voting and asking questions (connector number is on the back of your connector card)</li> </ul>
<b>Welcome and Introductions</b>  Updated 12/20/2018	This session will include important information and administrative details about the meeting, including <ul style="list-style-type: none"> <li>• Logistics for the week</li> <li>• Introduction of LUG board</li> <li>• Introduction of new LUG member companies</li> <li>• Remarks from selected LUG member companies</li> <li>• IBM executive welcome</li> </ul>
<b>Power Systems Business Update</b> Steve Sibley, Terri Virnig Updated 05/07/2019	<b>Abstract coming.</b>
<b>Break and Networking</b>	
<b>IBM i Update</b> Steve Will, Alison K Butterill Updated 05/07/2019	<b>Abstract coming.</b>
<b>Db2 for i Update</b> Scott Forstie Updated 05/07/2019	This session will include an explanation of the current technologies have been added to the database. Scott will highlight some recent enhancements as well as preview some of the enhancements coming later this year. <a href="http://www.ibm.com/developerworks/ibmi/techupdates/i73-TR6">www.ibm.com/developerworks/ibmi/techupdates/i73-TR6</a>
<b>Lunch</b>	
<b>LUG Member Photos</b> William Fuhrman, Greg Gallas	Need a photo for the LUG web site? Come to the IBM Photo lab for a portrait that we'll post to the LUG site for you.
<b>Member Minute</b> Updated 05/07/2019	As a new LUG member, we're excited to share some of the exciting things we're doing on IBM i, including our employee mobile app which has become indispensable to our salespeople. Adoption wasn't straightforward, but we view this as a success story and look forward to sharing lessons learned.
<b>Support Transformation Update</b> John Goodson Updated 05/07/2019	Review the latest plans for changes to the IBM Support website and how IBM customers will interact with support electronically. Will demo the Support website and provide updates on the plans to move IBM i software support and Power hardware support to the new platform.

<b>Break and Networking</b>	
<b>Message from Jamie Thomas, VP Systems Development - IBM Systems</b> Jamie Thomas Updated <b>05/07/2019</b>	Jamie Thomas will speak to the LUG about IBM Systems' Strategy and her Development Organization that is delivering systems capabilities and innovations including IBM i.
<b>IBM Db2 Mirror for i Overview</b> Kristopher Whitney Updated <b>05/07/2019</b>	High level review of what Db2 Mirror for i is and high level general use cases.
<b>Licensing Tips</b> Linda Hirsch Updated <b>05/07/2019</b>	This session will cover a variety of licensing, SWMA, transfer, mobility topics for IBM i. E.g. <ul style="list-style-type: none"> <li>- Software transfer rules</li> <li>- Software Maintenance basics: e.g. base SWMA vs Extended Service</li> <li>- Backup licensing options for IBM i: CBU, Designated Backup Machines, VM Recovery Manager for DR</li> <li>- Mobility offerings and how the licensing works: Live Partition Mobility, Power Enterprise Pools</li> <li>- ILMT and IBM i</li> <li>- System replacement topics, e.g. side-by-side RPQ</li> <li>- Temporary Licensing</li> <li>- Latest info: Db2 Web Query and Query for i packaging change and more.</li> </ul>
<b>Java and i - future direction</b> Jesse Gorzinski Updated <b>05/07/2019</b>	Java, there are all sorts of things going on in the news when it comes to Java. Some things apply to IBM i, others... not so much. This session will help sort out what is what when it comes to Java and IBM i. We will also take a look at the future changes and how they will effect your applications
<b>DCM GUI Walkthrough</b> Thomas Haze Updated <b>05/07/2019</b>	The new modernized DCM GUI talked about for years did not make it into 7.4 GA. Work is progressing at a rapid rate now for a post GA PTF however there is still time in the development plan to obtain and react to feedback LUG customers have with the new look.
<b>Dinner</b> LUG and IBM Updated <b>04/25/2019</b>	This is an opportunity for informal discussion with other LUG members, IBMers who are giving presentations, and the IBM development team. You should contact your IBM i advocate or premium services contact to meet you for dinner.

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Tuesday, June 4, 2019

Session Title	Abstract
<b>IBM Db2 Mirror for i</b> Kristopher Whitney Updated <b>05/07/2019</b>	Deeper dive into subtopic for Db2 Mirror for i. This will include hardware, software, setup and configuration topics.
<b>Member Minute</b> Updated <b>05/14/2019</b>	A LUG member will share her experience of the benefits of using IBM Application Runtime Expert for i (ARE) in their environment. Tim Rowe (IBM) will cover recent updates made to ARE.
<b>Break</b>	
<b>Power Processor Hardware Futures</b> William Starke Updated <b>05/07/2019</b>	In this session, we will share the key priorities, characteristics, and features of the upcoming microprocessor, which will be at the heart of future IBM i platform deployments. As the content covers highly confidential, future microprocessor details, this will be presentation-only, with no slides available for distribution.
<b>Cognitive Systems Management</b>	In this session, We'll walk you through the HMC roadmap and updates. We will discuss on the new features in HMC V9, and what's on the horizon for HMC. We will also focus on

<b>Updates &amp; Roadmap</b> Hari G Muralidharan Updated <b>05/07/2019</b>	recent enhancements such as HMC support for managing OpenPower systems and recent enhancements in Cloud Management Console (CMC)
<b>Managing and Monitoring with PowerSC Tools for IBM i</b> Terry Ford Updated <b>05/07/2019</b>	The ability to administrate a large number of systems consistently is a difficult task - especially when your job role is ambiguous and you perform a variety of tasks. To this end, IBM Lab Services through its security PowerSC Compliance Reporting and Monitoring tool and DB2 for IBM i Web Query have simplified the gathering and reporting of systems in your estate in a timely manner. This packaged (but extensible) solution provides an out of the box collection processes with reports to simplify analysis and affect change.
<b>Lunch</b>	
<b>First Time Attendee Discussion with the LUG Board</b>	Join other first time LUG conference attendees to share your experiences with the LUG board. We want your ideas on how to improve the LUG experience.
<b>Storage Insights</b> Roberta L Lockaby Updated <b>05/15/2019</b>	IBM® Storage Insights provides an unparalleled level of visibility across your storage environment to help you manage complex storage infrastructures and make cost-saving decisions. It combines proven IBM data management leadership with proprietary analytics from. As a cloud-based service, it enables you to deploy quickly and save storage administration time while optimizing your storage. It also helps automate aspects of the support process to enable faster resolution of issues. Three editions enable you to select the capabilities that serve your needs best. Join this session to learn about the latest enhancements to reporting, the new IBM Storage Insights for IBM Spectrum Control service, and what we have planned for the future.
<b>Authority Collection</b> Thomas Haze Updated <b>05/07/2019</b>	This presentation will re-introduce the capability provided in IBM i 7.3 called Authority Collection and describe the enhancements added in IBM i 7.4 to select specific objects for authority checking. Authority collection is designed to assist the security administrator and application provider in locking down object level security. This support helps ensure that object authority is set to the most secure value while still allowing an application to run successfully.
<b>IWS Server Updates</b> Nadir Amra Updated <b>05/07/2019</b>	In this session you will learn about the latest updates that have been made to the integrated web services support, and some techniques you can use to manage the deployment of web services across IWS servers and IBM i servers.
<b>POWER Based HMC demo</b> Bob Schuster Updated <b>05/07/2019</b>	Learn about the Power-based HMC appliance - 7063-CR1. Discuss the OpenPOWER hardware used to support this appliance. Watch live demos of the HMC using remote management capabilities with the BMC (baseboard management controller).
<b>Break</b>	
<b>SQL for the Administrator</b> Scott Forstie, Tim Rowe Updated <b>05/07/2019</b>	SQL is often thought of as how you access data from a database. While it does a great job with that task, SQL is far more versatile. SQL is a language for accessing and manipulating 'data'. Not just limited to the database. With the many SQL Services that the IBM i operating system has added over the past years, these services coupled with SQL provide a great way to access and manage many aspects of your IBM i. This includes dealing with security as well as other system management activities. In this session Scott and Tim will be sharing some of their favorite Services and the SQL to make them sing. This session is intended to help the non SQL expert add some new options into their 'toolkit'.
<b>7.4 Under the Hood</b> Chris Francois, Mark Hessler & team Updated <b>05/07/2019</b>	<p>In addition to containing new support, features, and functions that are officially announced, an IBM i release includes numerous "under the hood" refinements that improve key aspects of the system such as performance, serviceability, and reliability. Often these changes are the result of feedback the developer has received from program support activities, including LUG engagement. In this session, an ensemble of IBM i developers will present a selection of "under the hood" improvements to IBM i 7.4, specifically:</p> <ul style="list-style-type: none"> <li>• LPAR configuration can significantly impact performance, particularly if the partition spans multiple processor chips or books. Austin Mackedanz will describe improvements to processor DLPAR to minimize the impact of dynamic configuration changes. Austin will also explain a POWER9 optimization used to</li> </ul>

	<p>accelerate inter-processor communication which is especially helpful in large partition environments.</p> <ul style="list-style-type: none"> <li>• In a typical IBM i system, short-lived temporary segments are created and destroyed at high frequency, resulting in considerable overhead to support segment function which is never utilized. Bill Brown will describe the "Lightning SID", a new technology introduced in IBM i 7.4 aimed at reducing the overhead of these short-lived segments.</li> <li>• In an IBM i system, the binder is used during program creation. Mark Hessler will present an overview of new features and enhancements to the binder in IBM i 7.4, including one to satisfy a high-priority LUG requirement.</li> <li>• Prior to IBM i 7.4, DST security was separate from operating system security, with its own management tools and password composition rules. Randy Tomfohrde will describe enhancements to IBM i 7.4 to improve DST security and to integrate management of DST security into the operating system. Randy will also explain serviceability improvements to the LIC Log.</li> <li>• In the IBM i operating system, libraries provide critical functions of grouping related objects and finding objects by name. Anna Dietenberger will explain a reliability and availability enhancement to contexts (libraries) in IBM i 7.4. Anna will also highlight an enhancement for tracing storage owned for user profiles.</li> </ul>
<p><b>Get the Best Performance out of IBM i When Running on POWER9.</b> Eric Barsness Updated <b>05/14/2019</b></p>	<p>Explore the performance benefits of running IBM i on POWER9. This session will also cover EnergyScale, SMT, utilization reporting, and other performance topics.</p>
<p><b>New System Admin Utilities in Db2 Web Query</b> Doug Mack Updated <b>05/14/2019</b></p>	<p>Db2 Web Query is an important component to the overall IBM i analytics capabilities. This session will cover how it can leverage IBM i services and SQL capabilities built into IBM i to create dashboards and reports, and recent updates to the EZ-Install package that adds additional multi-system/LPAR reports, spoolfile deconstruction, journal information inquiry, and more.</p>

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**Wednesday, June 5, 2019**

Session Title	Abstract
<p><b>Power Systems Update</b> Terry Thomas Updated <b>05/07/2019</b></p>	<p>Terry Thomas (Director of Offering Management for Cognitive Enterprise Systems) will provide an update on IBM Power Systems plans and priorities.</p>
<p><b>IBM i Client Success Stories</b> Alison K Butterill Updated <b>05/07/2019</b></p>	<p>One of the most inspiring parts of working in the IBM i community is seeing how clients and partners take advantage of the power of IBM i to do great things for their businesses. In this presentation, Allison Butterill, WW Offering Manager for IBM i, will share a few of those stories and have you consider what you might learn from them.</p>
<p><b>Break and Networking</b></p>	
<p><b>VIOS Updates</b> Bob G Kovacs Updated <b>05/07/2019</b></p>	<p>Presentation will cover VIOS (Virtual I/O Server) 2019 deliverables as well as PowerVM I/O Virtualization trends and directions.</p>

<p><b>ACS Advanced Usage and Administration</b> Wayne Bowers Updated <b>05/07/2019</b></p>	<p>IBM i Access Client Solutions (IBM i ACS) is a platform independent client that is supported running on multiple Operating Systems like Macintosh, Linux, and Windows. Familiarity with IBM i Access Client Solutions is very important as this is the future of the IBM i Access Family software on workstation operating systems. This future is already here as IBM i ACS is the only client supported on Windows 10 and later OS, and IBM i Access for Windows is being withdrawn from support on April 30, 2109.</p> <p>In this session we will cover some of the more advanced IBM i ACS Java client capabilities like running a Data Transfer natively on the IBM i OS and how to use command syntax to script actions to be ran. We will also look at the associated IBM i Access Client Solutions Windows Application and the Administration of that along with the base Java package.</p>
<p><b>IBM i in the Public Cloud: Offerings, Use Cases and Operations</b> Kristopher Whitney, Shamsundar Ashok Updated <b>05/07/2019</b></p>	<p>Overview and outlook of the public cloud offering that are coming for IBM i. This will also include common use cases and how you would actually operate using a public cloud model.</p>
<p><b>Nagios and IBM i -- a perfect match</b> Tim Rowe (IBM) and others Updated <b>05/07/2019</b></p>	<p>How do you keep track of your entire IT ecosystem? Nagios provides a graphical interface that gives you a dashboard for keeping track of many aspects of your ecosystem including comm switches, storage servers and IBM i systems. This session reviews Nagios and explains how to set up and configure it to include your IBM i system. The lecture also examines how to choose which metrics to monitor.</p>
<p><b>Lunch</b></p>	
<p><b>International LUG Member Discussion</b> LUG_Board Updated <b>05/01/2019</b></p>	<p>Discussion with the LUG board and other LUG members from outside the USA. The group will identify issues specific to the these LUG members.</p>
<p><b>Cloud Tools for IBM i To Use in Your Data Center</b> Kristopher Whitney, Joseph W Cropper Updated <b>05/07/2019</b></p>	<p>This session will go over how to build Cloud services with the hardware you probably already own. This will include updates on the virtualization layer, PowerVC and IBM Cloud Private.</p>
<p><b>ACS Updates</b> Tim Rowe, Scott Forstie Updated <b>05/07/2019</b></p>	<p>IBM i Access Client Solutions (ACS) is the strategic (aka best) interface for accessing and managing your IBM i.</p> <p>In this session Scott and Tim will spend some time taking a walk down the ACS lane. We will be showing you some of the more recent updates that have been added to ACS. Many of these are things that will help simplify or improve accessing or managing your IBM i.</p> <p>The latest and greatest version of ACS is easily accessed by downloading it from our download site - <a href="http://ibm.biz/IBMi_ACS">http://ibm.biz/IBMi_ACS</a></p>
<p><b>What's New with iDoctor</b> Kristie S Edwards Updated</p>	<p>At this session, Kristie will cover notable iDoctor enhancements over the past year plus things we are working on for the future.</p>

<b>05/08/2019</b>	
<b>7.4 Upgrade</b> Brian J Dassow Updated <b>05/07/2019</b>	<b>Abstract coming.</b>
<b>Break and Networking</b>	
<b>PowerHA and BRMS Roadmaps and Updates</b> Brian Nordland, Aaron Fistler Updated <b>05/07/2019</b>	We will discuss what is currently in progress for PowerHA - and BRMS for 2019. Plus, we will talk about what we have planned into 2020.
<b>Ask the Experts</b> LUG and IBM	<p>Ask the Experts always gets positive feedback from LUG members. It is your opportunity to meet with the IBM developers, one on one, with no holds barred on the questions. You can often get great suggestions from the IBM folks on ways to solve an issue that you might be having or to learn about some of the newest features and functions just released and some that haven't yet been released. It's also a great way to pitch your ideas for improving the product. There are usually more than 50 tables manned by IBM developers, architects, product managers and others from all aspects of IBM Rochester (many from out of town as well). If you have questions about anything IBM i related, this is the place to raise them.</p> <p>Experts from the areas below are scheduled to attend. If someone is missing, or you really want to talk to one of these people, be sure to send us that comment, or post it to the discussion thread. Not all of them may make it, your request can help make the difference. Additional experts are being added. Be sure to check at the meeting for the most up to date list.</p>

Thursday, June 6, 2019

Session Title	Abstract
<b>A Tale of Two Cities</b> Westley P McDuffie Updated <b>05/07/2019</b>	<p>It was the best of times, it was the worst of times, it was the age of wisdom, it was the age of foolishness, <del>it was the epoch of belief, it was the epoch of incredulity, it was the season of Light, it was the season of Darkness, it was the spring of hope, it was the winter of despair, we had everything before us, we had nothing before us, we were all going direct to Heaven, we were all going direct the other way — in short, the period was so far like the present period, that some of its noisiest authorities insisted on its being received, for good or for evil, in the superlative degree of comparison only.</del> ~ Charles Dickens 1859</p> <p>When I started the research for this, it is intended to be a technical-ish discussion on two breaches that have recently occurred. One is the largest in history (at the time of the writing) and the other is a little known, but to a handful of folks. It is based on what we observed, both companies' reactions to what happened, and what we were able to glean from what happened.</p> <p>Marriot: 500 Million records breached from a problem they bought. Literally,</p> <p>Arizona Iced Tea: Millions of dollars in sales lost from a ransomware attack.</p> <p>Each company survived their respective incidents, but how each company handled the incidents, themselves, and their clients speaks volumes on wisdom and foolishness.</p>
<b>Managing Open Source with Containers</b> Jesse Gorzinski	You may have heard about the latest news with open source: RPM's! As a system administrator, you may have lots of questions. What does this mean for me? Come to this session to demystify this bold new world. In doing so, you will learn important facets of open source management, like checking software levels, installing updates, etc. What best

Updated <b>05/07/2019</b>	practices should you follow? Also, we will explore the support options for the open source technologies you are leveraging.
<b>CMC and Enterprise Pools</b> Hari G Muralidharan, Manjunath N Shanbhag Updated <b>05/07/2019</b>	Since it's release, CMC has been giving insight into your Power Systems infrastructure via cloud-native apps with no additional software or infrastructure setup. Let the development team walk you through its valuable apps such as patch planning and inventory, capacity monitoring. IBM® Power® Enterprise Pools 2.0 is a new IBM Power E980 offering designed to deliver enhanced multisystem resource sharing and by-the-minute consumption of on-premises Power E980 compute resources to clients deploying and managing a private cloud infrastructure. Each Power Enterprise Pool (2.0) is monitored and managed from a Cloud Management Console in the IBM Cloud. In this session, we will also walk you through the features of the Enterprise Pools 2.0.
<b>Break</b>	
<b>LUG Business</b> LUG members only Updated <b>04/26/2019</b>	<p>Possible Topics</p> <ul style="list-style-type: none"> <li>• Operations topics</li> <li>• Financial report</li> <li>• Other discussion</li> </ul> <p>LUG members will discuss and vote on <a href="#">candidate requirements</a> which are posted on the web site. The author (or someone designated by the author) of the requirement will make a case for formal approval by a two thirds vote of the attending companies.</p> <p>If there is time, members will discuss requirements with <a href="#">IBM Work Complete</a>, those <a href="#">recommended for closure</a>, and requirements requested by members. Add a comment to the requirement discussion if you want a requirement on the agenda.</p> <p><b>Note: At least one representative from each company must attend the LUG business sessions.</b></p>
<b>Lunch</b>	
<b>Requirements Review</b> Updated <b>04/26/2019</b>	Selected requirements will be reviewed by the LUG and IBM.
<b>Power Systems I/O Trends and Directions</b> Douglas Gibbs Updated <b>05/07/2019</b>	This session will review 2019 Power9 hardware announcements and latest IO features for IBM i.
<b>Why Job Watcher is key for performance analysis on IBM i</b> Thomas Edgerton Updated <b>05/02/2019</b>	In this presentation we will start by reviewing the different performance data collectors available on IBM i and their differences. We will also cover the tools we use to analyze the data. Finally we will walk through a number of different examples of using iDoctor Job Watcher and demonstrate the various ways to review Job Watcher data and show why Job Watcher is key to analyzing performance problems on IBM i.
<b>Break and Networking</b>	
<b>What's New with IBM i Security</b> Timothy D Mullenbach Updated <b>05/07/2019</b>	Discussion and overview of new security related capabilities delivered in the IBM i 7.4 release. The topics include Service Tools User ID enhancements, Transport Layer Security (TLS) version 1.3, Digital Certificate Manager (DCM) APIs for partial automation of certificate renewal process, and Object based Authority Collection.
<b>IASPs and IBM i</b> Philip M Albu Updated <b>05/07/2019</b>	Independent Auxiliary Storage Pools (IASPs) have existed for years, yet there is still some uncertainty regarding how to utilize them. This session will give an overview of what an IASP is, how to make use of it, and some caveats in moving your data from SYSBAS to an IASP.
<b>What makes an effective security organization?</b>	Just spit-balling, anyone could make the argument for any number of items to that would be part of the recipe in designing an effective security organization. A recent "official" Twitter survey was conducted asking what the three most important aspects are. Strictly opinion

Westley P McDuffie Updated <b>05/07/2019</b>	<p>based, and open to all. Many of the answers revolved around 3 primary areas: culture, enabling, and knowledge.</p> <p>Over 300 responses from people in the industry, this was not a board room discussion about security, this was not a Gartner survey of what CISO's think. This is ground opinion of what works, and some of the why it works. Too many times we as information security professionals fail at one or more of these group listings or the organization may fail even with the best talent in the world. We are humans, we have egos that sometimes don't always gel. Herb Brooks is quoted " I don't need the best players, I need the right players"</p>
<b>Evening Event - LUG and IBM</b> Updated <b>05/01/2019</b>	Dinner and optional activities in Rochester, MN. This is an opportunity for informal discussion with other LUG members, IBMers who are giving presentations, and the IBM development team. You should contact your IBM i advocate or premium services contact to meet you for dinner.

**Friday, June 7, 2019**

<b>Session Title</b>	<b>Abstract</b>
<b>Navigator for i Updates and Monitoring features</b> Lora Powell Updated <b>05/07/2019</b>	<p>What you'll love about the move to Navigator for i and PDI</p> <p>You may have been procrastinating on moving to IBM Navigator for i. Now the time has come, you need to use navigator for i on Windows 10. We will show you some of the latest features and new things that were not available in System i Navigator. You might wonder why you put it off. We will cover the latest additions to System Monitors and go over Performance Data Investigator Graph History and the stacked chart view as well as the updated chart support coming in 7.4.</p>
<b>AI on IBM i</b> Jesse Gorzinski, Mark Irish Updated <b>05/07/2019</b>	<p>The emerging realm of AI and Machine Learning can bring seemingly-limitless opportunity for your enterprise (and perhaps even mankind). How can you leverage these new technologies from IBM i? This session will provide an overview of what technologies you can be using from your IBM i today. We will cover various AI/ML packages available to run on the system, as well as the cloud-based capability of IBM Watson. After all, IBM i has always been a data-centric platform. Surely, Db2 for i houses mission-critical and intensely valuable data. Coupling AI and ML with this data can bring an unprecedented amount of innovation.</p>
<b>Break</b>	
<b>Hidden Gems of IBM i - LUG and IBM Edition</b>  Updated <b>05/07/2019</b>	<p>Several LUG members and IBMer's will share their favorite IBM i features, tips, or tricks.</p>
<b>Fall Meeting Preview and Closing Comments</b>  Updated <b>05/01/2019</b>	<p>A brief review and discussion of topics for the September 2019 meeting. Closing comments will follow.</p>
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<b>The meeting will conclude before 11:00 AM.</b>	