Answered Questions
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- Ken Trammel: **Is there any way to see the progress of a rollout?**
  * Kunwar: Ken, Currently there isn't a way to see the progress of the rollout but as a workaround you can configure the logs for 'com.day.cq.wcm msm.api' to get the activity on the rollout operations

- Vilasa Badey: **Does the multisite manager performance effects based on TouchUI and classic UI AEM5.6.1. I am seeing the increasing in rollout timings.**
  * Andrew Khoury (AEM CC)(privately): Hi Vilasa :) Im not sure I understand the question. Can you explain more?
  * Andrew Khoury(privately): Do you mean the performance of rollout is different in touch ui vs classic? It should be the same. The code that executes is the same.

- James Boldry: **If we migrate a site with MSM on AEM6.3 to AEM6.4 (or wait till 6.5) is there something we need to be concerned about? We had a lot of trouble with MSM going from CQ5.5 to AEM6.1 so we are concerned.**
  * Leo Berliant: Hello James, for before 6.3 version you have to use an inplace upgrade and use CRX2OAK tool to migrate the repository prior of upgrade. to Move from AEM 6.3 to 6.4 no spevcila acctions is required

- Ken Trammel: **Is there a way to see rollouts that are executing in the background? Is there a queue where these can be seen?**
  * Andrew Khoury: Unfortunately, at this time the only way to monitor background rollouts is via the log files.
  * Andrew Khoury: An enhancement request has been logged already with Adobe engineering team.

- Katarzyna Wielgosz: **What was the hardware specification used for tests?**
  * Son Dang 2: I will need to follow up with more details. What I know is that the test was done with Redhat Enterprise Linux 7 VM server with 8GB heap.

- Idris Nolan: [this might get answered later] **If you have an en-master, with 25 language copies that are then live copied to 60 country sites. What is the best practice to to make a single update that then needs to be rolled out across all 60 sites? Rolling out a page to all 60 sites and publishing is very manauly and requires many many clicks. Is that the type of thing where workflows should be used?**
  * Leo Berliant: Idris, with such a massive livecopy<- blueprint relation it's better to do split rollout and publishing. Also you need to plan a proper performance test as rollout depends on used components, links and references

- Vilasa Badey: **My observation is, rollout process used to be much faster when we used MSM in older classic UI based AEM versions(AEM5.6.1) and where as in recent AEM versions/sites based on Touch UI, the rollout process is taking more time. My question is if there is any major implementation changes in recent versions that is forcing this additional timings in the rollout process.**
  * Andrew Khoury(privately): Son had answered this one earlier in the session. Please contact him sdang@adobe.com.
• **Vuong Ho:** Move or rename a page doesn't reflect in livecopy
  * Kunwar: Can you explain a bit more on this? If you rename or edit a page properties/links, it would adjust the references to the livecopies

• ray amaguin: new to MSM...is it best practice to design tree structure as brand site -> country (us) -> languages (en, es, etc)? and why?
  * Kunwar: Please go through [https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fadministering%2Fusing%2Fmsm-best-practices.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=Uis5FzlYg8p7yw9%2F5ykwiqge1qXDW%2FNgz%2Binfqfl8mjLQ%3D&reserved=0](https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fadministering%2Fusing%2Fmsm-best-practices.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=Uis5FzlYg8p7yw9%2F5ykwiqge1qXDW%2FNgz%2Binfqfl8mjLQ%3D&reserved=0) for best practices for msm
  * Leo Berliant: Ray, setting up a name as a language is a good practice, however, it is not a requirement. It truly depends on your business needs

• Ganesh Kumar Kalamadugu: If you cancel inheritance at the parent level, it will disable livecopy on all childnodes, but if I enable it back child pages live copy not enabled, can you please help if there is any ticket?
  * Kunwar: You need to synchronize the Livecopy using the sites console. See [https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fadministering%2Fusing%2Fmsm-livecopy.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=KH%2FaElQSIUGr5D4ht%2BpGqH%2BJJPC%2BW%2BAd2Qqk2r0%3D&reserved=0](https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fadministering%2Fusing%2Fmsm-livecopy.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=KH%2FaElQSIUGr5D4ht%2BpGqH%2BJJPC%2BW%2BAd2Qqk2r0%3D&reserved=0) for more information on this

• Nikhil Gupta: How to proceed in case cq:LiveRelationship is not available on the Live Copies from a set of rollout pages?
  * Leo Berliant: Hi Nikhil, we need to study this case. Something we can manually re-recreate missing nodes in CRXDe. Another time we need to attack the issue from a different approach. You might want to log a support case

• **Vuong Ho:** if you have productA.html in english, you want to rename it to productA1.html.
  * Andrew Khoury: See here for the reason why this is the case: [https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fadministering%2Fusing%2Fmsm-best-practices.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=Uis5FzlYg8p7yw9%2F5ykwiqge1qXDW%2FNgz%2Binfqfl8mjLQ%3D&reserved=0](https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fadministering%2Fusing%2Fmsm-best-practices.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=Uis5FzlYg8p7yw9%2F5ykwiqge1qXDW%2FNgz%2Binfqfl8mjLQ%3D&reserved=0)

• **James Boldry:** What is a HAR file?
  * Leo Berliant: [https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.tenderapp.com%2Fkb%2Ftroubleshooting-your-tenant-site%2Fgenerating-an-har-file&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=z%2Bka8JHnlad0KXMGsBLeSlo7oDNFOWAbTzwmMrDKUE%3D&reserved=0](https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.tenderapp.com%2Fkb%2Ftroubleshooting-your-tenant-site%2Fgenerating-an-har-file&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008db5b09c5f4%7Cf7fa7b1b5a7b34438794aed2c178decee1%7C0%7C0%7C636613975936066951&data=z%2Bka8JHnlad0KXMGsBLeSlo7oDNFOWAbTzwmMrDKUE%3D&reserved=0)
* Kunwar: HTTP archive.

- Abhinav Kaul: **Is there a support for AEM 5.6 for msm in case we face some issues?**
  * Kunwar: CQ 5.x is end of life and not a supported version of CQ anymore

- Srinivas Reddy Palle: **If we suspended the inheritance on the locale, if we rollout the again master page**
  * Son Dang 2: I assume you are asking about if rollout would happen if you suspend the relationship between Blueprint and LiveCopy. If you suspend this relationship, the rollout should not update the suspended pages in the LiveCopy.

- Sherif Zaher: **What is the URL for the Experience League**
  * Andrew Khoury: [https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Flanding.adobe.com%2Fexperience-league%2F&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008d5b509c5f4%7Cfa7b1b5a7b3443879a4ed2c178deceee1%7C0%7C0%7C6366139759360666951&sdata=D0MBVAT8V6RXHqZUJ3VduleuCVNFcWcR67%2FhmdxQ%3D&reserved=0](https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Flanding.adobe.com%2Fexperience-league%2F&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008d5b509c5f4%7Cfa7b1b5a7b3443879a4ed2c178deceee1%7C0%7C0%7C6366139759360666951&sdata=D0MBVAT8V6RXHqZUJ3VduleuCVNFcWcR67%2FhmdxQ%3D&reserved=0)

- Srinivas Reddy Palle: **Is will rollout the page to locales or not**
  * Leo Berliant: Srinivas, If you break the inheritance live copies will not be updated

- veena vikraman: **Can we get the recordings for the session?**
  * Andrew Khoury: The recording will be posted on this page later this week: [https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fcustomer-care-office-hours%2Faem.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008d5b509c5f4%7Cfa7b1b5a7b3443879a4ed2c178deceee1%7C0%7C0%7C6366139759360666951&sdata=9dseV8L%2BDslZYuupr7NsD55oWGQPnXRJKn6%2B2HJ6LCw%3D&reserved=0](https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fcustomer-care-office-hours%2Faem.html&data=02%7C01%7Casood%40adobe.com%7C56d7f917c97645b8bac008d5b509c5f4%7Cfa7b1b5a7b3443879a4ed2c178deceee1%7C0%7C0%7C6366139759360666951&sdata=9dseV8L%2BDslZYuupr7NsD55oWGQPnXRJKn6%2B2HJ6LCw%3D&reserved=0)

- Bhuvana Bhimanadham: **is there any clean approach to clean up all the additional properties/values (example : mixin types) which are created during auto rollout and sync**
  * Son Dang 2: Unfortunately, we do not have a UI to do this clean up. If you need to do this it will need to be in CRXDE Lite. However, we do not recommend that you do this. Please discuss with us over Daycare ticket if you want to do this.

- Mark Flint: **Does /etc/blueprints.html work any better in 6.4 than it does in 6.2? In v6.2 with our large sites, it just does not work at all.**
  * Leo Berliant: Mark, AEM 6.4 has much better performance in general

- Abhishek Aggarwal: **Do we need to consider or implement addtional steps w.r.t. MSM while upgrading from 6.x to 6.y. We are currently on 6.2 and planning to upgrade to 6.3 or 6.4?**
  * Kunwar: Everything should work, only you need to test your custom rollout actions in the new release

- Vilasa Badey: **Is there any easy way to prevent certain properties from rollout in different combinations? For example certain sites we have different product restrictions and manual**
translations involved and we do not want them to be rollout to certain sites from blue print every time we trigger rollout.

* Andrew Khoury (privately): This would be custom code I guess.

https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fdeveloping%2Fusing%2Fmsm.html&data=02%7C01%7Casood%40adobe.com%7C756d7f917c97645b8bac008d5b509c5f4%7Cfa7b1b5a7b34438794aed2c178deece1%7C0%7C0%7C636613975936066951&sdata=t3cyU1AhYQ2Gac%2B%2BtPvflFC97WjAfZn%2FI7CzPwgWcM%3D&reserved=0

- Nikhil Gupta: Regarding Inheritance Lock/Cancellation issue on Live Copy - jcr:title is the only property is bugged or it can be on other properties too? If so, will the same workaround works based on resourceType?

  * Vishawdeep Dhillial (privately): yes, jcr:title is the only property with this issue.

- Surya Kante: can you send the link to summit sessions?

  * Ameeth Palla: https://na01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fsummit.adobe.com%2Fna%2Fsessions%2Fsummit- online%2F&data=02%7C01%7Casood%40adobe.com%7C756d7f917c97645b8bac008d5b509c5f4%7Cfa7b1b5a7b34438794aed2c178deece1%7C0%7C0%7C636613975936066951&sdata=c0UMsG5prqngJ0sY%2F6syH1Tpi%2BbjG48iwmgvUjbneC0%3D&reserved=0

- Durga Nuvvula: From the documentation It states this "When the blueprint source contains links and references that target a paragraph in a different branch, the targets are not updated in the live copy pages, but remain pointed to the original destination."

https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fhelpx.adobe.com%2Fexperience-manager%2F6-3%2Fsites%2Fadministering%2Fmsm-livecopy.html&data=02%7C01%7Casood%40adobe.com%7C756d7f917c97645b8bac008d5b509c5f4%7Cfa7b1b5a7b34438794aed2c178deece1%7C0%7C0%7C636613975936066951&sdata=KH%2FaEIcQSUgGrSD4ht%2BpGqH%2BJJPC%2Bw%2BAD2Qkg2l0%3D&reserved=0

  * Son Dang: Could you please elaborate on this?

  The ReferenceUpdate LiveAction uses the value from the property "cq:master" within the node cq:LiveSyncConfig to determine if there is a need to update an link on the page. The links have to match the value of "cq:master" before it get replaced. If there is no match, the link is not replaced. This is done to maintain the integrity of the site. The key here is "a different branch". For example, if you cq:master is point to "/content/we-retail/us/en" and there is a page with a link pointing to "/content/we-retail/global/en/mypage#par1", then the replace will not happen. Just image having a link to a different site entire. You would not want that link to get update after the rollout because the link should still be pointing to the same location regardless if the link is in the Blueprint or the LiveCopy.

- Durga Nuvvula: what does that different branch means to be specific?

  * Son Dang: You can think of different branches as being different sites. Internally within a branch (i.e. within a site) the links should be update to reflect within the site. If the link is on a different branch (i.e. different site) the link should not be change because the external site link should be the same for your Blueprint and LiveCopy sites.