

Questions(Answer is a score from 1 to 10):

Developer Success:

1. How would you rate collaboration within your team?
2. How satisfied are you with the tasks you get?
3. How would you rate communication between you and your team leader/tech leader?
4. On scale from 1 to 10 how well are you informed about changes and vision of your team scope?
5. How would you rate knowledge sharing(across different tech departments and roles) within your organization?
6. How would you rate communication with the Platform Engineering/DevOps team?

Developer Platform(CI/CD):

1. How would you rate the safety of main branches in your services? *hint: [are there enough security and integration tests while PR is created to make sure main branch is always production ready]*
2. How satisfied are you with CI pipelines running times?
3. How confident are you that you deploy safe well tested code with safe dependencies?
4. How would you rate robustness of tests? *hint: How many flaky tests do you experience?*
5. How would you rate the stability of CI/CD pipelines?

Developer Platform(Observability):

1. How well organized are service specific and shared dashboards?
2. How accurate are default SLI alerts?
3. How would you rate overall alert/notification usability during the usual day? *hint: rate lower if it distracts you, rate higher if you get alerts that are only in your scope.*

Release management:

1. How well issues and blockers are communicated during the release process?
2. How satisfied are you with the time your change needs to arrive to production?
3. How satisfied are you with the automation level of the release process?

Incident management:

1. How would you rate segregation of duties during an incident?
2. How satisfied are you with the rights/permissions you have during investigating incidents? *hint: Do you need all necessary permissions? Are these revoked after they are not useful anymore?*
3. How would you rate the post incident culture? *hint: Are post mortems blameless, are you supported during investigations etc.?*
4. How would you rate the time between incident start and incident discovery and notification with incident confirmation?

Analysis:

This is a high level starting point survey to create an overview of DevEx and pinpoint some areas which could be bottlenecks of developer productivity, of course not all questions will be applicable to your situation but it presents an overall suggested approach for measuring developer productivity. It is advised to add a remarks/comments section to each area so developers can fill them with their problems/ideas in a given area. It can help with creating starting value from DevEx initiative by understanding and fixing most recent problems developers face to improve their productivity.

After surveys are filled by a significant fraction of development teams, each area should be analyzed by an area representative who has the most knowledge about the given area and preferably works in a team responsible for it. Analysis should involve pointing out possible bottlenecks and actionable items should be created for teams responsible for certain areas. After the whole iteration is finished, representatives should extend/modify the question base for their areas. All changes made during iteration should be well communicated to the development team so they stay in the feedback loop.