

Agent Inventory Schedule **Section**

Manage the timing of FlexNet inventory collection by locally-installed agents.

The schedule in the **Agent inventory schedule** section controls inventory collection on all 'adopted' computers in your fleet (*adoption* means that the FlexNet inventory agent is installed on the computer, collects inventory locally, and uploads it to an inventory beacon).

Tip: The schedule for *remote* inventory collection (also called zero-touch inventory) is separately controlled in inventory rules (navigate to **Discovery & Inventory > Discovery and Inventory Rules**). The same rules also control the timing of the adoption process, where the FlexNet inventory agent can be automatically installed on a computer for local inventory gathering. Once it is installed, however, each FlexNet inventory agent executes local inventory gathering on the schedule you set here.

The controls in this section change, based on the choices you make. Notice that in all cases, you do not set a precise execution time. Instead, you choose a time window by nominating a start time and a **Commence within** period. Each inventory agent across your computer estate then randomizes its operations within the nominated period, thereby spreading the network loads for uploaded inventory.

To schedule inventory collection using installed FlexNet inventory agents:

1. Choose a value from the **Frequency** drop-down list.

This control sets the style of scheduling. For example, the **Daily** option lets you make further choices about a pattern of days, and does not enforce inventory collection every day.

Option	Notes
Once	A single-shot trigger for inventory collection the next time the declared time window occurs (you cannot nominate a future date). For example, if it is 4pm when you set a Once schedule for 8am, commencing within 4 hours, inventory collection occurs next morning. Compare with As soon as possible . Keep in mind the propagation delays for your changed instructions, as described there.
Daily	An additional drop-down list, Every , appears so that you can choose the pattern of days you want. For example, you may wish to trigger inventory collection every second day. Choose a value from this list as well.
Weekly	New check boxes appear that allow you to choose specific days within the weekly cycle when inventory should be collected. For example, you may want collection on Sunday and Wednesday every week. Select (check) the boxes for the days you prefer.

Option	Notes
Monthly	<p>New controls appear that allow you to specify a pattern within the month:</p> <ul style="list-style-type: none"> ▪ Choose the option for On day to nominate a particular day within the month (such as the third Saturday). Make your choices from the two drop-down lists adjacent. Notice that the option Last chooses the fifth occurrence in months long enough to have one, and otherwise takes the fourth occurrence. ▪ Choose the option for On date to nominate the calendar date within the month.
As soon as possible	<p>This is a single shot trigger which causes each FlexNet inventory agent to randomize an inventory collection within the time window starting when it receives this setting and lasting for the interval you specify in the Commence within controls.</p> <p>Tip: Any change you save to these settings is first collected by the inventory beacons on the schedule specified by the Beacon settings (further down this web page), by default checked every 15 minutes. Each inventory beacon then prepares new instructions for all the installed FlexNet inventory agents that it manages, which come calling to collect their latest package every 12 hours. Because of these propagation periods, As soon as possible on average means starting about six hours from now, or worst case a little over 12 hours from the time you save this change.</p>
At startup/logon	<p>No further controls are needed for this option. Once this setting propagates, inventory is collected from adopted devices at each start up, or each time a different user logs in to the computer. Use this setting with restraint if it is typical in your enterprise for users to leave machines running overnight.</p>
When connected to network	<p>No further controls are needed for this option. Each time a new network connection is successfully established, the FlexNet inventory agent starts gathering inventory, and uploads the results shortly afterwards.</p>

2. If you chose Daily, Weekly, or Monthly, complete the additional settings for these patterns, using the additional controls that appear and as described in the table above for each option.
3. For any of the first four options described above, edit the **Start time** value appropriately.

You may either type the value in the field, or use the spinner controls. These work independently on any selection (hours, minutes, or am/pm) within the field. Keep in mind the likely propagation times for your new schedule.
4. When available, use the two **Commence within** controls to define the time window within which each FlexNet inventory agent should randomize the collection of inventory.

You may define a period in either minutes or hours. Obviously, make this period appropriate for your settings: there is no point establish a schedule to collect inventory every day, with a time window of 24 hours or more.
5. When available, use the controls for **Do not rerun after success for period** to limit the number of repetitions of inventory collection.

Values are editable only when you select the check box. You might use this control, for example, if your **Frequency** setting is When connected to network, when it may be kinder to road warriors to delay further inventory gathering for seven days. Another example might be a weekly schedule with collection on Sunday and Tuesday, with no re-runs for 4 days. Here, all computers left running on Sundays would have inventory collected in these off-peak hours, with a Tuesday catch up only used for machines not running on Sunday.

Tip: This control only affects normal inventory collection. The high-frequency inventory required for sub-capacity licensing with IBM PVU licenses is not affected (see [IBM PVU Scanning Section](#)).

6. Use the **Run last missed event** setting as follows:

- Clear the check box if the installed FlexNet inventory agents should always look forward, and never attempt to catch up on a missed trigger.
- Setting the check box means that, on start-up of the FlexNet inventory agent (for example, if the adopted computer is powered up or rebooted), it looks back for a trigger specified by its current rules and, if it finds any that have not been run yet, it runs one inventory gathering now. Only one catch up is used, regardless of the count of missed triggers.

This setting is useful, for example, when you have a scheduled inventory collection on Sundays. With this check box set, any machine powered down on Sunday will catch up as soon as it is restarted.

7. Don't forget to click **Save** to commit your changes (although you may edit multiple sections of this web page in one session, and then **Save** them all).
