WordPress Cheat Sheet

WordPress 7.1.3 (examples tested) · **7.1.4** is the current security release (2026-10-28): use it in production
PHP 7.4 min, 8.3+ recommended · theme.json v3 · Gutenberg 24.2.0 · @wordpress/scripts 37.0.0 · create-block 5.0.0 · wp-env 12.0.0 · WP-CLI 2.12.0 · WPCS 3.4.1
Self-hosted WordPress (not WordPress.com) · 7.2 in beta, planned for 2026-12-08 · **checked 2026-10-28** · cloud block **2026-10-29**

PLATFORM

Request: `index.php` → `wp-blog-header.php` → `wp-load.php` → `wp-config.php` → `wp-settings.php` (`advanced-cache.php` · `$wpdb`, object cache · `mu-plugins`, `muplugins_loaded` · plugins, `plugins_loaded` · `setup_theme` · child then parent `functions.php`, `after_setup_theme` · `init` · `wp_loaded`) → `wp()` main query → `template-loader.php` (`template_redirect`, `template_include`).

Directories: `wp-admin/` `wp-includes/` (core, never edit) · `wp-content/plugins` `themes` `mu-plugins` `uploads` `languages` · drop-ins `advanced-cache.php` `object-cache.php` `db.php` `maintenance.php` `sunrise.php`.

12 tables: `wp_posts` `postmeta` `users` `usermeta` `terms` `term_taxonomy` `term_relationships` `termmeta` `comments` `commentmeta` `links` `options`. Multisite adds `site` `sitemeta` `blogs` `blogmeta` `signups` `registration_log` + `wp_2_*` per site.

Versions: X.Y is a *major* (6.9 → 7.0 → 7.1; 7.0 is not "bigger"), X.Y.Z maintenance/security. Only the latest branch is maintained; security fixes are backported. Three majors planned in 2026.

Requirements: PHP 8.3+ (8.4+ Hosting Handbook), 7.4 minimum since 7.0 · MySQL 8.4 LTS or MariaDB 11.8/11.4/10.11 LTS (official pages disagree; use the newest) · Apache 2.4 or nginx · HTTPS · `memory_limit` 256M · extensions `json` `hash` `mysqli` required, `imagick` `intl` `mbstring` recommended.

USING WORDPRESS

Settings: General `blogname` `blogdescription` `siteurl` `home` `admin_email` `users_can_register` `default_role` · Connectors (7.0, AI credentials) · Writing · Reading `show_on_front` `page_on_front` `page_for_posts` `posts_per_page` `blog_public` · Discussion · Media (image sizes) · Permalinks `/%postname%/` · Privacy (4.9.6).

Roles: Super Admin (Multisite, whole network) › Administrator `manage_options` `activate_plugins` `edit_users` › Editor `edit_others_posts` `publish_pages` `moderate_comments` › Author `publish_posts` `upload_files` › Contributor `edit_posts` (Submit for Review) › Subscriber `read`.

Statuses: `draft` `pending` `future` (WP-Cron publishes) `publish` `private` `trash` · internal `auto-draft` `inherit`.

Editor keys (macOS: Cmd for Ctrl, Ctrl+Option for Shift+Alt): Ctrl+K Command Palette (whole admin, 6.9) · `/` insert block · Shift+Alt+H shortcut list · Ctrl+S save · Shift+Alt+O List View · Ctrl+Shift+Alt+M code editor · Ctrl+Shift+D duplicate · Shift+Alt+Z remove · Ctrl+Alt+T/Y insert before/after · Ctrl+G group.

Media: JPEG PNG GIF, WebP (5.8), AVIF (6.5), HEIC (6.7, converted to JPEG with Imagick), PDF, audio, video. **No SVG** (XSS): sanitizing plugin. Over 2560 px scaled (`big_image_size_threshold`); `upload_mimes` filter.

Accounts: bcrypt (6.8) · no core 2FA (*Two Factor* plugin) · reset with `wp user update`. **Patterns:** synced (6.3, were reusable blocks); Patterns screen 6.5 → Site Editor 6.6 → Appearance > Design for classic themes 6.8. `/wp-sitemap.xml` (5.5) · WXR export/import · Export/Erase Personal Data.

ADMINISTRATION

```
define( 'WP_ENVIRONMENT_TYPE', 'production' );
define( 'WP_DEBUG', false ); define( 'WP_DEBUG_DISPLAY', false );
define( 'WP_DEBUG_LOG', '/var/log/wordpress/lumen-debug.log' );
define( 'DISALLOW_FILE_EDIT', true );
define( 'DISALLOW_FILE_MODS', true ); // only with a deploy pipeline
define( 'WP_AUTO_UPDATE_CORE', 'minor' ); // true | false | 'minor'
define( 'FORCE_SSL_ADMIN', true ); define( 'EMPTY_TRASH_DAYS', 30 );
define( 'WP_POST_REVISIONS', 20 ); define( 'DISABLE_WP_CRON', true );
// never: SCRIPT_DEBUG SAVEQUERIES WP_DEVELOPMENT_MODE WP_ALLOW_REPAIR
```

`DISALLOW_FILE_EDIT` removes only the editors; `DISALLOW_FILE_MODS` also blocks installs/updates (security auto-updates too). `AUTOMATIC_UPDATER_DISABLED`: discouraged. Never change `ABSPATH`.

```
# BEGIN WordPress
<IfModule mod_rewrite.c>
RewriteEngine On
RewriteRule .* - [E=HTTP_AUTHORIZATION:%{HTTP:Authorization}]
RewriteBase /
RewriteRule ^index\.php$ - [L]
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule . /index.php [L]
</IfModule>
# END WordPress
<Files wp-config.php> Require all denied </Files> # 2.4
```

```
location / { try_files $uri $uri/ /index.php?$args; }
location ~* /uploads/.*\.php$ { deny all; }
location ~ \.php$ { try_files $uri =404; include fastcgi_params;
  fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
  fastcgi_pass lumen_php; }
```

Permissions: files 644, dirs 755, `wp-config.php` 400/440, **never 666/777**.

Auto-updates: minor core + translations always; majors on installs since 5.6 (not VCS checkouts); plugins/themes opt-in (5.5) or forced security releases; failed plugin update rolled back (6.6). Filters in a must-use plugin.

Hardening: HTTPS + HSTS · 2FA for admins · least privilege · rate-limit `wp-login.php`, `xmlrpc.php` at the edge · no PHP in uploads · `wp config shuffle-salts` after a compromise · `wp core verify-checksums`, `wp plugin verify-checksums --all` · minimal DB grants · remove unused code · one security plugin (Wordfence, Kadence Security, ex Solid/iThemes). Hidden login URLs are not a defense.

Backups: DB + `wp-content` + `wp-config.php`, off-site, restore-tested.

Caching: browser + speculative loading (6.8) → CDN → page cache (`advanced-cache.php`, Varnish, nginx) → OPcache → object cache (persistent with `object-cache.php`: Redis, Valkey, Memcached) → InnoDB. LCP ≤ 2.5 s, INP ≤ 200 ms, CLS ≤ 0.1.

Scaling: same release per node, shared uploads and object cache, one cron runner; DB is the single writer.

```
# DISABLE_WP_CRON + /etc/cron.d/lumenpress
*/5 * * * * www-data flock -n /run/lock/lumenpress-cron.lock wp --path=/var/www/lumenpress cron event run --due-now --quiet
```

WP-CLI 2.12 `--due-now` ignores the lock, hence `flock`. **Email:** `wp_mail()` via SMTP/API plugin or `phpmailer_init`; SPF, DKIM, DMARC.

Debug: `WP_DEBUG` `WP_DEBUG_LOG` `WP_DEBUG_DISPLAY` `SCRIPT_DEBUG` `SAVEQUERIES`; **default `wp-content/debug.log` is public** · recovery mode (5.2) emails the admin · Tools > Site Health (`site_status_tests`) · Query Monitor · `wp --skip-plugins --skip-themes`.

```
define( 'WP_ALLOW_MULTISITE', true ); // → Tools > Network Setup, then:
define( 'MULTISITE', true ); define( 'SUBDOMAIN_INSTALL', false );
define( 'DOMAIN_CURRENT_SITE', 'lumenpress.example' );
define( 'PATH_CURRENT_SITE', '/' );
define( 'SITE_ID_CURRENT_SITE', 1 ); define( 'BLOG_ID_CURRENT_SITE', 1 );
```

Or `wp core multisite-convert`. Native domain mapping since 4.5.

BLOCK THEMES

```
lumen/ style.css  theme.json  functions.php  screenshot.png
  templates/ index.html (required) single-lp_book.html 404.html
  parts/ header.html footer.html   patterns/ *.php
  styles/ *.json (with blockTypes = section style)
assets/fonts/
```

Hierarchy (→ `index` last): `single-{type}-{slug}` → `single-{type}` → `single` → `singular` · `page-{slug}` → `page-{id}` → `page` → `singular` · `archive-{type}` → `archive` · `taxonomy-{tax}-{term}` → `taxonomy-{tax}` → `taxonomy` → `archive` · `category-{slug}` → `category` · `front-page` · `home` · `search` · `404`. Filters `{type}_template_hierarchy`, `template_include`.

```
{ "$schema": "https://schemas.wp.org/wp/7.1/theme.json",
  "version": 3,
  "settings": { "appearanceTools": true,
    "layout": { "contentSize": "680px", "wideSize": "1140px" },
    "color": { "palette": [ { "slug": "lumen-red", "name": "Lumen red", "color": "#a3271f" } ] },
    "typography": { "fluid": true, "fontFamilies": [ … ] } },
  "styles": { "color": { "text": "var:preset|color|ink" },
    "elements": { "link": { ":hover": { … } } },
    "blocks": { "core/post-title": {
      "@mobile": { "typography": { "fontSize": "var:preset|font-size|medium" } } } } },
  "templateParts": [ { "name": "header", "area": "header" } ] }
```

`@mobile` ≤ 480px, `@tablet` ≤ 782px (7.1, `settings.viewport`). **CSS:** `--wp--preset--color--{slug}` (also `font-size` `font-family` `spacing` `gradient` `shadow`), `--wp--custom--a--b`, `has-{slug}-color`.

Precedence: core < parent theme.json < child theme.json < user (Styles). Stale? Reset Styles, `wp cache flush`.

```
<?php /**
 * Title: Hero with cover image
 * Slug: lumen/hero
 * Categories: lumen/house, banner
 * Block Types: core/post-content  Post Types: page
 * Viewport Width: 1400  Keywords: hero, cover  Inserter: true
 */ ?>
```

Child: `lumen-child/style.css` with `Template: lumen` (parent folder) · `theme.json` merged over the parent · same-name templates override · child `functions.php` first. **Also:** variations `styles/*.json`, section styles (6.6) · `fontFace`, Appearance > Fonts (7.0) · menus = Navigation block · Create Block Theme saves to files · `WP_DEVELOPMENT_MODE 'theme'` locally.

CLASSIC THEMES

```
<?php if ( have_posts() ) : while ( have_posts() ) : the_post(); ?>
  <h2><a href="<?php the_permalink(); ?>"><?php the_title(); ?></a></h2>
  <?php the_excerpt(); endwhile; the_posts_pagination();
else : esc_html_e( 'Nothing found.', 'lumen-classic' );
endif; ?>
```

Secondary: `new WP_Query()` + `wp_reset_postdata()`; never `query_posts()`. **Tags:** `the_title` `the_permalink` `the_content` `the_excerpt` `the_post_thumbnail` `get_the_date` `the_author` `the_category` `the_tags` `get_template_part` `comments_template` `body_class`; always `wp_head()` `wp_body_open()` `wp_footer()`.

```
function lumen_classic_setup() {  // on after_setup_theme
  foreach ( array( 'title-tag', 'post-thumbnails', 'automatic-feed-links',
      'custom-logo', 'responsive-embeds', 'align-wide', 'wp-block-styles',
      'editor-styles' ) as $f ) { add_theme_support( $f ); }
  add_theme_support( 'html5', array( 'search-form', 'gallery', 'caption' ) );
  register_nav_menus( array( 'primary' => __( 'Primary', 'lumen-classic' ) ) );
}
register_sidebar( array( 'id' => 'sidebar-1', 'name' => 'Sidebar' ) ); // widgets_init
wp_enqueue_style( 'lumen-classic-style', get_stylesheet_uri() ); // wp_enqueue_scripts
$wp_customize->add_setting( 'lumen_classic_accent_color', array(
  'sanitize_callback' => 'sanitize_hex_color', 'transport' => 'postMessage' ) );
$wp_customize->add_control( new WP_Customize_Color_Control( $wp_customize,
  'lumen_classic_accent_color', array( 'section' => 'lumen_classic_colors' ) ) );
```

`wp_nav_menu( array( 'theme_location' => 'primary' ) )`, `dynamic_sidebar()`, `get_theme_mod()`. **To blocks:** 1 `theme.json` → 2 block template parts in PHP (`block-template-parts`) → 3 patterns for widgets, Navigation for menus → 4 block templates per route → 5 `templates/index.html`.

PLUGIN DEVELOPMENT

```
<?php
/**
 * Plugin Name: Lumen Catalog        Version: 0.1.0
 * Requires at least: 6.9            Requires PHP: 7.4
 * Requires Plugins: (slugs, 6.5)    Text Domain: lumen-catalog
 * Plugin URI: https://plugins.lumenpress.example/lumen-catalog/
 */
defined( 'ABSPATH' ) || exit;
```

Lifecycle: `register_activation_hook()` tables (`dbDelta`), options, roles, flush rewrites once · `register_deactivation_hook()` unschedule cron · `uninstall.php` (`WP_UNINSTALL_PLUGIN`) removes data · upgrades compare `lumen_catalog_db_version`.

```
add_action( 'init', 'lp_register', 10, 1 );  do_action( 'lumen_catalog_synced', $id );
add_filter( 'the_title', fn( $t ) => $t );   // filters must return
$isbn = apply_filters( 'lumen_catalog_isbn', $isbn ); // remove_*: same priority
```

Sanitize	`sanitize_text_field()` `sanitize_email()` `absint()` `sanitize_key()`
Validate	`is_email()`, strict `in_array()`, REST `validate_callback`
Escape late	`esc_html()` `esc_attr()` `esc_url()` `wp_kses_post()`
Nonce	`wp_nonce_field()` / `check_admin_referer()`; REST `X-WP-Nonce`
Capability	`current_user_can( 'edit_post', $id )`, not `is_admin()`
SQL	`$wpdb->prepare()` · never `unserialize()` input

```
register_post_type( 'lp_book', array( 'public' => true, 'show_in_rest' => true,
  'has_archive' => true, 'rewrite' => array( 'slug' => 'books' ),
  'supports' => array( 'title', 'editor', 'thumbnail', 'custom-fields' ),
  'capability_type' => array( 'lp_book', 'lp_books' ), 'map_meta_cap' => true ) );
register_taxonomy( 'lp_genre', 'lp_book', array( 'hierarchical' => true,
  'show_in_rest' => true, 'rewrite' => array( 'slug' => 'books/genre' ) ) );
register_post_meta( 'lp_book', 'lp_isbn', array( 'type' => 'string',
  'single' => true, 'show_in_rest' => true ) ); // all on init
add_menu_page( 'Catalogue', 'Catalogue', 'manage_lumen_catalog', 'lumen-catalog', 'lp_page' );
register_setting( 'lumen_catalog', 'lp_catalog_settings', array( 'sanitize_callback' => 'lp_clean' ) );
add_settings_section( 'lp_main', 'Distributor', '', 'lumen-catalog' );
add_settings_field( 'url', 'URL', 'lp_field', 'lumen-catalog', 'lp_main' );
// form → options.php: settings_fields() do_settings_sections() submit_button()
```

Post type key ≤ 20 chars, taxonomy ≤ 32. `options.php` needs `manage_options` unless `option_page_capability_{group}`.

Shortcodes: `add_shortcode()`, return (never echo). **Roles:** `add_role( 'lp_catalogue_manager' )` on activation (stored in DB), `add_cap()`. **JS:** `wp_enqueue_script()` with `'strategy' => 'defer'`; REST + `api-fetch` over `admin-ajax.php`.

i18n: `__()` `_e()` `esc_html__()` `_x()`, `_n( '%s book', '%s books', $n, 'lumen-catalog' )` + `/* translators: */` · `wp_set_script_translations()` · `wp i18n make-pot` · loading before `after_setup_theme` warns (6.7). **Privacy:** policy text, exporters, erasers. **Directory:** `readme.txt`, Plugin Check, SVN, no `Update URI`.

BLOCK DEVELOPMENT

```
npx @wordpress/create-block@5.0.0 book-card --namespace lumen --textdomain lumen-catalog
  # --variant dynamic | --template @wordpress/create-block-interactive-template
wp-scripts build --blocks-manifest --experimental-modules  # start = watch
wp_register_block_types_from_metadata_collection( __DIR__ . '/build/blocks',
  __DIR__ . '/build/blocks-manifest.php' );  // 6.8 (collection: 6.7)
```

```
{ "$schema": "https://schemas.wp.org/wp/7.1/block.json",
  "apiVersion": 3,
  "name": "lumen/book-card", "title": "Book Card",
  "category": "lumen-catalog",
  "attributes": { "isbn": { "type": "string" } },
  "supports": { "html": false, "color": { "background": true } },
  "textdomain": "lumen-catalog", "editorScript": "file:./index.js",
  "style": "file:./style-index.css", "render": "file:./render.php",
  "viewScriptModule": "file:./view.js" }
```

apiVersion 3 only (≤ 2 deprecated since 6.9); editor always iframed (7.1). **Static:** `save()` HTML stored, changes need deprecated. **Dynamic:** `save` → `null`, `render.php` (`$attributes` `$content` `$block`). `useBlockProps()` / `.save()`, `useInnerBlocksProps()`, PHP `get_block_wrapper_attributes()`; `providesContext`/`usesContext`. Variations, `register_block_style()`, `transforms`, `deprecated` + `migrate`.

```
<!-- wp:paragraph {"metadata":{"bindings":{"content":{"source":"core/post-meta","args":{"key":"lp_isbn"}}}}} -->
register_block_bindings_source( 'lumen/book-data', array(
  'label' => 'Book data',
  'get_value_callback' => $cb, 'uses_context' => array( 'postId' ) ) );
"blockHooks": { "core/post-content": "after" } // before after firstChild lastChild
```

Sources `core/post-meta` `pattern-overrides` `post-data` `term-data`. Hooks: `hooked_block_types`; `ignoredHookedBlocks` keeps user removals.

Directives `data-wp-`: `interactive` region + namespace · `context` local JSON, inherited · `bind--attr` · `class--name` · `style--prop` · `text` (never HTML) · `each--item` on `<template>` · `on--event` (`withSyncEvent()` for sync access) · `on-async--event` (6.6, now deprecated) · `watch` (6.5; `watch()` function 7.0) · `init` once · `run` each render · `key` · `router-region`.

```
import { store, getContext } from '@wordpress/interactivity'; // 8.0.0
const { state } = store( 'lumen/wishlist', {
  state: { get count() { return state.items.length; } },
  actions: { *toggle() { const ctx = getContext(); yield fetch( … ); } } } );
// PHP wp_interactivity_state(); "supports": { "interactivity": true }
register_block_type( 'lumen/call-to-action', array(
'api_version' => 3, // PHP-only 7.0
  'attributes' => array( 'heading' => array( 'type' => 'string' ) ),
  'supports' => array( 'autoRegister' => true ),
'render_callback' => $render ) );
```

Data: `useSelect( ( s ) => s( 'core' ).getEntityRecords( 'postType', 'lp_book' ) )`, `useDispatch()`, `registerPlugin()`, `@wordpress/components`, DataViews.

APIS & DATA

```
new WP_Query( array( 'post_type' => 'lp_book', 'posts_per_page' => 10, 'paged' => 2,
  'meta_query' => array( array( 'key' => 'lp_stock', 'value' => 0, 'compare' => '>', 'type' => 'NUMERIC' ) ),
  'tax_query' => array( array( 'taxonomy' => 'lp_genre', 'field' => 'slug', 'terms' => 'fiction' ) ),
  'orderby' => 'date', 'no_found_rows' => true, 'fields' => 'ids' ) );
// main query: pre_get_posts + is_main_query() && ! is_admin()
```

```
$wpdb->get_var( $wpdb->prepare( 'SELECT quantity FROM %i WHERE book_id = %d',
  $wpdb->prefix . 'lp_stock', $id ) ); // %d %f %s %i(6.2)
set_transient( 'lumen_featured', $ids, HOUR_IN_SECONDS ); // get_transient: false on miss
wp_cache_set( $key, $value, 'lumen', 300 ); wp_cache_get( $key, 'lumen' );
$r = wp_safe_remote_get( $url, array( 'timeout' => 10 ) );
// is_wp_error( $r )?
$data = json_decode( wp_remote_retrieve_body( $r ), true );
add_rewrite_rule( '^books/isbn/([0-9-]+)/?$', 'index.php?lp_isbn=$matches[1]', 'top' );
register_rest_route( 'lumen/v1', '/books/(?P<id>\d+)/stock', array( // rest_api_init
  'methods' => WP_REST_Server::READABLE, 'callback' => 'lp_get_stock',
  'permission_callback' => fn( $r ) => current_user_can( 'edit_post', (int) $r['id'] ) ) );
```

`update_option( $k, $v, $autoload )`; transients live in the object cache with a drop-in. Rewrites: `query_vars` filter, flush on activation only. `permission_callback` mandatory (5.5); public `'__return_true'`.

REST: `/wp-json/wp/v2/lp_book?per_page=100&page=2&_fields=id,title&_embed` (default 10, max 100) · `X-WP-Total`, `X-WP-TotalPages` · `?rest_route=` without pretty permalinks · auth: cookie + `X-WP-Nonce` (`wp_rest`) in the browser, application passwords (5.6, HTTPS, Basic, never `wp-login.php`), OAuth/JWT by plugin.

Also: `wp_signon()`, `authenticate` filter · `add_image_size( 'lumen-cover', 400, 600, true )`, `wp_get_attachment_image()` (srcset, lazy) · `switch_to_blog()` / `restore_current_blog()`, `get_sites()`.

TOOLING & DELIVERY

```
wp core download | install | update | update-db | verify-checksums
wp config create · wp config shuffle-salts · wp option get home · wp media regenerate
wp plugin install lumen-catalog --activate · wp plugin update --all
wp theme activate lumen · wp user create tom.author tom@… --role=author
wp user update 3 --user_pass=… · wp post list --post_type=lp_book
wp db export lumen.sql · wp db import lumen.sql · wp eval-file x.php
wp search-replace 'https://lumenpress.example' 'https://lumenpress.test' --dry-run
wp cache flush · wp rewrite flush --hard · wp cron event list
wp i18n make-pot . · wp site create --slug=kids · wp scaffold plugin-tests lumen-catalog
vendor/bin/phpcs · phpcbf · phpstan analyse # WPCS 3.4.1, PHPCompatibilityWP
vendor/bin/phpunit # WP_UnitTestCase + factories; Brain Monkey for units
npx wp-scripts lint-js · test-unit-js (Vitest, 36+) · test-playwright
npx wp-env start · status · run cli wp … · logs · stop · reset · destroy
npx @wp-playground/cli@3.1.61 server --mount=.:/wordpress/wp-content/plugins/lumen-catalog
```

wp-env 12: `reset` replaced `clean`; `"testsEnvironment": false`; pin `mariadb:11.8`. **Playground:** `blueprint.json` `preferredVersions`, `steps`, `landingPage`; networking on by default; replaces `wp-now`. **Composer:** `roots/wordpress`, `composer/installers`, WPackagist, Bedrock; commit `composer.lock`.

Deploy: `WP_ENVIRONMENT_TYPE` local/development/staging/production · code by pipeline, content stays in production · DB copies with `wp search-replace` (serialized-safe) · `wp core update-db`, flush caches and rewrites · pingbacks off outside production (7.1) · image `wordpress:7.1.3-php8.4-apache`, stateless nodes, shared uploads.

HEADLESS & AI

Headless: editors → WP admin → REST `/wp-json/` (or WPGraphQL `/graphql`) → Next.js (ISR, revalidate from a signed `save_post` webhook, Draft Mode previews) → readers. WPGraphQL: `show_in_graphql`; Faust.js: WP Engine's Next.js toolkit.

```
add_action( 'wp_abilities_api_init', fn() =>
wp_register_ability( 'lumen/get-stock', array(
  'label' => 'Get stock', 'description' => '…', 'category' => 'lumen-catalog',
  'input_schema' => array( 'type' => 'object', 'properties' => array( 'book_id' => array( 'type' => 'integer' ) ) ),
  'execute_callback' => fn( $in ) => lp_stock( $in['book_id'] ),
  'permission_callback' => fn() => current_user_can( 'edit_posts' ),
  'meta' => array( 'show_in_rest' => true ) ) ) );
// category: wp_register_ability_category() on wp_abilities_api_categories_init
$r = wp_ai_client_prompt( 'Suggest a teaser for "The Lighthouse Ledger".' )
  ->using_max_tokens( 120 )->generate_text_result(); // is_wp_error? $r->toText()
```

Abilities API 6.9 (REST `wp-abilities/v1`, JS `@wordpress/abilities` 7.0); MCP Adapter (official package, not core) exposes abilities as MCP tools. AI Client 7.0: providers in Settings > Connectors; per-feature endpoints with capabilities, no arbitrary client prompts. **Real-time collaboration did not ship** (removed from 7.0, not in 7.1). Secrets API: 7.2.

CLOUD DEPLOYMENT (EKS, CHECKED 2026-10-29)

Database: RDS MariaDB 11.8 / MySQL 8.4 (Aurora MySQL 3), Multi-AZ, TLS + verified CA (`MYSQL_CLIENT_FLAGS`, `db.php`), app user + migration user; pods x `pm.max_children` < `max_connections`.

State: media = offload plugin + S3 + CloudFront (EFS fallback, never code on EFS) · object cache = ElastiCache Valkey, `WP_REDIS_*` · no PHP sessions · config from env vars in `wp-config.php` · immutable image, `DISALLOW_FILE_MODS`.

Cron: `DISABLE_WP_CRON` true; one CronJob, `concurrencyPolicy: Forbid`, `wp cron event run --due-now`.

Release: image per Git SHA → ECR → `helm upgrade` + pre-upgrade Job `wp core update-db` (`--network` on Multisite) → rolling update; `--rollback-on-failure` (Helm 4, `--atomic` in 3).

```
wp redis status · wp cron event list · wp search-replace
kubectl -n lumenpress rollout status deploy/lumenpress-web
helm upgrade lumenpress ./lumenpress-wordpress
```

CHANGED SINCE OLDER TUTORIALS X.Y is a major: 7.0 just follows 6.9 · native domain mapping 4.5 · core sitemaps 5.5 · native lazy loading (img 5.5, iframe 5.7) · block themes 5.9 · synced patterns 6.3 (were reusable blocks) · plugin dependencies 6.5 · theme.json v3 6.6 · bcrypt 6.8 (was phpass) · speculative loading 6.8 · apiVersion ≤ 2 deprecated 6.9 · PHP 7.4 minimum 7.0 · always-iframed editor 7.1 · Customizer → Styles, menus → Navigation, admin-ajax → REST, jQuery → Interactivity API · wp-now → Playground CLI, Jest → Vitest (wp-scripts 36+) · 644/755, never 777 · **real-time collaboration not shipped**